abcam

ab208334

# Rabbit IgG, monoclonal [SP137] - isotype control (BSA and Azide free)

Recombinant RabMAb

## Key facts

| | |
|---|---|
| **Isotype** | IgG |
| **Host species** | Rabbit |
| **Storage buffer** | pH: 7.2 - 7.4 Constituents: PBS |
| **Form** | Liquid |
| **Clonality** | Monoclonal |
| **Carrier free** | Yes |
| **Clone number** | SP137 |
| **Purification technique** | Affinity purification Protein A/G |
| **Concentration** | 0.959 mg/mL The concentration of this product may be batch-dependent<br>Batch concentration finder → |
| **Purification notes** | Purified from TCS by protein A/G. |

## Reactivity data

| | |
|---|---|
| **Application** | Flow Cyt (Intra) |
| **Reactivity** | Reacts |
| **Dilution info** | - |
| **Notes** | - |

| | |
|---|---|
| **Application** | ICC/IF |

| | |
|---|---|
| **Reactivity** | Reacts |
| **Dilution info** | - |
| **Notes** | - |

| | |
|---|---|
| **Application** | IHC-P |
| **Reactivity** | Reacts |
| **Dilution info** | - |
| **Notes** | Antigen Retrieval: Boil tissue section in EDTA buffer for 10 min followed by cooling at RT for 20 min. |

| | |
|---|---|
| **Application** | WB |
| **Reactivity** | Reacts |
| **Dilution info** | - |
| **Notes** | - |

## Target data

See full target information Rabbit IgG Fc

## Storage

| | |
|---|---|
| **Shipped at conditions** | Blue Ice |
| **Appropriate short-term storage conditions** | +4°C |
| **Appropriate long-term storage conditions** | +4°C |
| **Storage information** | Do Not Freeze |

## Notes

ab208334 is the carrier-free version of ab125938.

**Immunogen**
Chemical / Small Molecule.

**What are the advantages of a recombinant monoclonal antibody?**
This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free batch production

For more information, read more on recombinant antibodies.

**Conjugation ready**
Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.

Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with 1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.

**Compatibility**
This product is compatible with the Maxpar® Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar® is a trademark of Fluidigm Canada Inc.

## Product promise

**Tested**

We have tested this species and application combination and it works. It is covered by our product promise.

**Expected**

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

**Predicted**

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

**Not recommended**

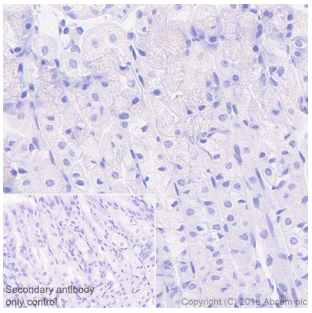
We do not recommend this combination. It is not covered by our product promise.

We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:
Terms & Conditions.

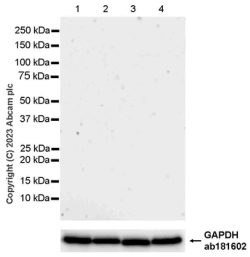
## 7 product images




## Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Rabbit IgG, monoclonal [SP137] - isotype control (BSA and Azide free) (ab208334)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining using rabbit Anti- antibody

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Mouse stomach tissue sections labeling Rabbit IgG with ab125938 at 1/100 dilution (2.02 µg/ml). Heat mediated antigen retrieval was performed Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 10 mins. Rabbit specific IHC polymer detection kit HRP/DAB (ab209101) was used as the secondary antibody. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (ab125938).




## Western blot - Rabbit IgG, monoclonal [SP137] - isotype control (BSA and Azide free) (ab208334)

Western blot staining using rabbit Anti- antibody

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (ab172730).

Negative Control.

Blocking and dilution buffer and concentration: 5% NFDM/TBST

In Western blot, anti-GAPDH antibody (ab181602) loading control staining at 1/200000 dilution.

Lane 1:
HeLa (human cervical adenocarcinoma epithelial cell) whole cell lysate at 20 µg

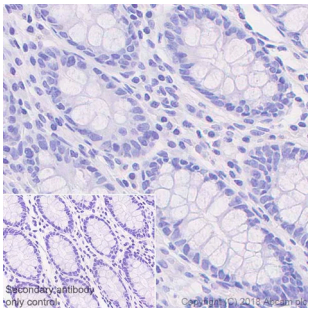
Lane 2:
293T (human embryonic kidney epithelial cell) whole cell lysate at 20 µg

Lane 3:
NIH/3T3 (mouse embryonic fibroblast) whole cell lysate at 20 µg

Lane 4:
PC-12 (rat adrenal gland pheochromocytoma cell) whole cell lysate at 20 µg

Secondary

All lanes:
Western blot - Goat Anti-Rabbit IgG H&L (HRP) (ab97051) at 1/100000 dilution

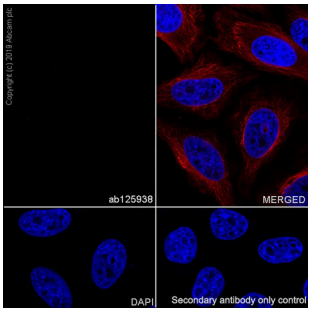



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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining using rabbit Anti- antibody

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human colon tissue sections labeling Rabbit with ab125938 at 1/100 dilution (2.02 µg/ml). Heat mediated

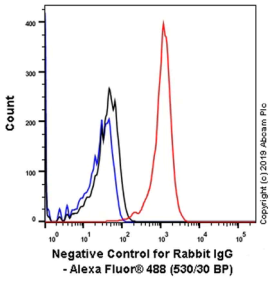
antigen retrieval was performed Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 10 mins. Rabbit specific IHC polymer detection kit HRP/DAB (ab209101) was used as the secondary antibody. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (ab125938).




## Immunocytochemistry/ Immunofluorescence - Rabbit IgG, monoclonal [SP137] - isotype control (BSA and Azide free) (ab208334)

Immunocytochemistry/ Immunofluorescence staining using rabbit Anti- antibody

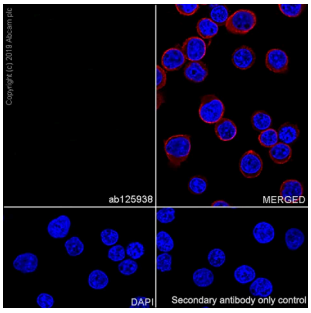
Immunocytochemistry/ Immunofluorescence analysis of HeLa (human cervix adenocarcinoma epithelial cell) cells showing staining with purified ab125938 at 1:20 (10 µg/ml). Cells were fixed in 4% paraformaldehyde and permeabilized with 0.1% Triton X-100. Cells were counterstained with ab195889 Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) 1:200 (2.5 µg/ml). Goat anti rabbit IgG (Alexa Fluor® 488, ab150077) was used as the secondary antibody at 1:1000 (2 µg/ml) dilution. DAPI (blue) was used as nuclear counterstain. PBS instead of the primary antibody was used as the secondary antibody only control.
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (ab125938).




## Flow Cytometry (Intracellular) - Rabbit IgG, monoclonal [SP137] - isotype control (BSA and Azide free) (ab208334)

Flow Cytometry (Intracellular) staining using rabbit Anti- antibody

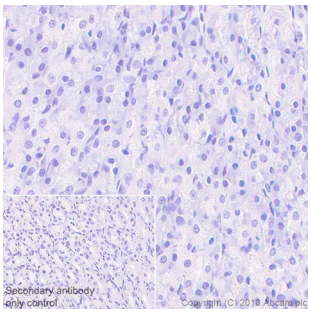
Flow Cytometry analysis of Jurkat (human acute T cell leukemia) cells labeling EPF with ab108611 at 1:100 dilution (red). Cells were fixed with 4% paraformaldehyde and permeabilised with 90% methanol. A Goat anti rabbit IgG (Alexa Fluor® 488, ab150077) secondary antibody was used at 1:2000 dilution. Isotype control - Rabbit monoclonal IgG (ab125938) at 1:20 dilution (10.1 µg/ml)/ Black. Unlabeled control - Unlabelled cells / blue.
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (ab125938).




## Immunocytochemistry/ Immunofluorescence - Rabbit IgG, monoclonal [SP137] - isotype control (BSA and Azide free) (ab208334)

Immunocytochemistry/ Immunofluorescence staining using rabbit Anti- antibody

Immunocytochemistry/ Immunofluorescence analysis of Jurkat ( human T cell leukemia T lymphocyte) cells showing staining with purified ab125938 at 1:20 (10 µg/ml). Cells were fixed in 4% paraformaldehyde and permeabilized with 0.1% Triton X-100. Cells were counterstained with ab195889 Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) 1:200 (2.5 µg/ml). Goat anti rabbit IgG (Alexa Fluor® 488, ab150077) was used as the secondary antibody at 1:1000 (2 µg/ml) dilution. DAPI (blue) was used as nuclear counterstain. PBS instead of the primary antibody was used as the secondary antibody only control.
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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Rat stomach tissue sections labeling Rabbit with ab125938 at 1/100 dilution (2.02 µg/ml). Heat mediated antigen retrieval was performed Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 10 mins. Rabbit specific IHC polymer detection kit HRP/DAB (ab209101) was used as the secondary antibody. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (ab125938).

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