abcam

ab252938

Anti-KIR2DL3 + KIR2DL1 + KIR2DS2 + KIR2DL2 + KIR2DS1 antibody [EPR22492-64]

Recombinant | RabMAb

Key facts

Isotype	IgG
Host species	Rabbit
Storage buffer	pH: 7.2 - 7.4 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
Form	Liquid
Clonality	Monoclonal
Immunogen	The exact immunogen used to generate this antibody is proprietary information.
Clone number	EPR22492-64
Purification technique	Affinity purification Protein A
Concentration	0.54 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

Flow Cyt

Tested

Species	Human
Dilution info	1/50
Notes	-

Not recommended

Species	Recombinant fragment - Human
Dilution info	-
Notes	-

WB

Tested

Species	Recombinant fragment - Human
Dilution info	1/1000
Notes	-

Expected

Species	Human
Dilution info	Use at an assay dependent concentration.
Notes	-

IHC-P

Tested

Species	Human
Dilution info	1/1000
Notes	-

Not recommended

Species	Recombinant fragment - Human
Dilution info	-
Notes	-

Target data

See full target information KIR2DL1

Function	Receptor on natural killer (NK) cells for some HLA-C alleles such as w4 and w6. Inhibits the activity of NK cells thus preventing cell lysis.

Storage

Shipped at conditions	Conditional Ambient
Appropriate short-term storage duration	1-2 weeks
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	-20°C
Aliquoting information	Upon delivery aliquot
Storage information	Avoid freeze / thaw cycle

Notes

Patented technology
Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb® patents.

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.

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.

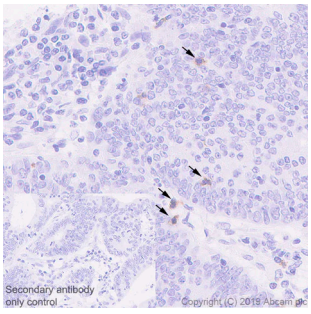
We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

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.

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5 product images

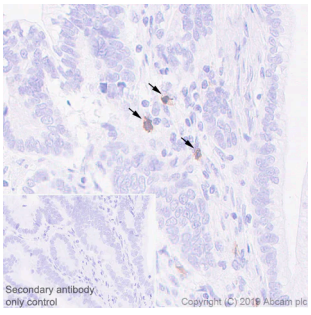


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-KIR2DL3 + KIR2DL1 + KIR2DS2 + KIR2DL2 + KIR2DS1 antibody [EPR22492-64] (ab252938)

KIR2DL3 + KIR2DL1 + KIR2DS2 + KIR2DL2 + KIR2DS1 Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining using rabbit Anti-KIR2DL3 + KIR2DL1 + KIR2DS2 + KIR2DL2 + KIR2DS1 antibody

Immunohistochemical analysis of paraffin-embedded human colon cancer tissue labeling KIR2DL1 with ab252938 at 1/1000 dilution, followed by a ready to use Goat Anti-Rabbit IgG H&L (HRP). Positive staining in natural killer (NK) cells in human colon cancer (PMID: 7749980) is observed. Counterstained with hematoxylin.
Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is a ready to use Goat Anti-Rabbit IgG H&L (HRP).

Perform heat mediated antigen retrieval using ab93684 (Tris/EDTA buffer, pH 9.0).

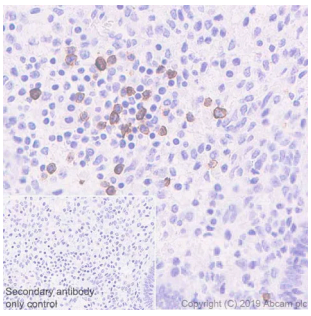


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Immunohistochemical analysis of paraffin-embedded human gastric cancer tissue labeling KIR2DL1 with ab252938 at 1/1000 dilution, followed by a ready to use Goat Anti-Rabbit IgG H&L (HRP). Positive staining in natural killer (NK) cells in human gastric cancer (PMID: 7749980) is observed. Counterstained with hematoxylin.
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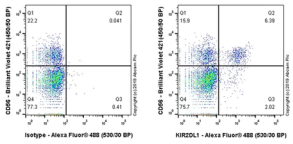


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-KIR2DL3 + KIR2DL1 + KIR2DS2 + KIR2DL2 + KIR2DS1 antibody [EPR22492-64] (ab252938)

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Immunohistochemical analysis of paraffin-embedded human endometrium tissue labeling KIR2DL1 with ab252938 at 1/1000 dilution, followed by a ready to use Goat Anti-Rabbit IgG H&L (HRP). Positive staining in natural killer (NK) cells in human endometrium (PMID: 7749980) is observed.
Counterstained with hematoxylin. Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is a ready to use Goat Anti-Rabbit IgG H&L (HRP).

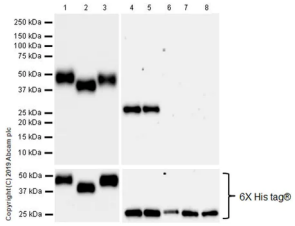
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Flow Cytometry - Anti-KIR2DL3 + KIR2DL1 + KIR2DS2 + KIR2DL2 + KIR2DS1 antibody [EPR22492-64] (ab252938)

KIR2DL3 + KIR2DL1 + KIR2DS2 + KIR2DL2 + KIR2DS1 Flow Cytometry staining using rabbit Anti-KIR2DL3 + KIR2DL1 + KIR2DS2 + KIR2DL2 + KIR2DS1 antibody

Flow cytometric analysis of human peripheral blood mononuclear cells (PBMC) labeling KIR2DL1 with ab252938 at 1/50 (right) compared with a Rabbit monoclonal IgG (ab172730) (left). Goat anti rabbit IgG (Alexa Fluor® 488, ab150097), at 1/5000 dilution was used as the secondary antibody. Cells were stained with rabbit IgG (Left) or ab252938 (Right). Then stained with anti-CD56 conjugated to BV421. Gated on viable cells.



Western blot - Anti-KIR2DL3 + KIR2DL1 + KIR2DS2 + KIR2DL2 + KIR2DS1 antibody [EPR22492-64] (ab252938)

Blocking/Dilution buffer: 5% NFDM/TBST.
Exposure times: Lanes 1-3: 15 secs; Lanes 4-8: 3 mins.

All lanes:
Western blot - Anti-KIR2DL3 + KIR2DL1 + KIR2DS2 + KIR2DL2 + KIR2DS1 antibody [EPR22492-64] (ab252938) at 1/1000 dilution

Lane 1:
His-tagged human KIR2DL1 recombinant protein (aa1-245) 20 ng

Lane 2:
His and LIF-tagged human KIR2DL2 recombinant protein (aa26-221) 20 ng

Lane 3:
His-tagged human KIR2DL3 recombinant protein (aa1-245) 20 ng

Lane 4:
His-tagged human KIR2DS1 recombinant protein (aa22-221) 20 ng

Lane 5:

His-tagged human KIR2DS2 recombinant protein (aa22-221) 20 ng

Lane 6:
His-tagged human KIR2DS3 recombinant protein (aa22-221) 20 ng

Lane 7:
His-tagged human KIR2DS4 recombinant protein (aa22-221) 20 ng

Lane 8:
His-tagged human KIR2DS5 recombinant protein (aa22-221) 20 ng

Secondary

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

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.