abcam

ab250479

Anti-Heterogeneous Nuclear Ribonucleoprotein (A1-like) antibody [EPR13673-33] - 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
Immunogen	The exact immunogen used to generate this antibody is proprietary information.
Carrier free	Yes
Clone number	EPR13673-33
Purification technique	Affinity purification Protein A
Specificity	The immunogen used for this product shares high homology with HNRPA1 and HNRNPA3. Cross-reactivities with these proteins have not been confirmed experimentally.
Concentration	0.98 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

IHC-P

Tested

Species	Human
Dilution info	-
Notes	-

Predicted

Species	Mouse, Rat
Dilution info	-
Notes	-

ICC/IF

Tested

Species	Human
Dilution info	-
Notes	-

Predicted

Species	Mouse, Rat
Dilution info	-
Notes	-

WB

Tested

Species	Human
Dilution info	-
Notes	-

Predicted

Species	Mouse, Rat

Dilution info	-
Notes	-

Flow Cyt (Intra)

Tested

Species	Human
Dilution info	-
Notes	-

Predicted

Species	Mouse, Rat
Dilution info	-
Notes	-

Target data

See full target information HNRNPA1L2

Function	Involved in the packaging of pre-mRNA into hnRNP particles, transport of poly(A) mRNA from the nucleus to the cytoplasm and may modulate splice site selection.

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

ab250479 is the carrier-free version of ab181337.

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.

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

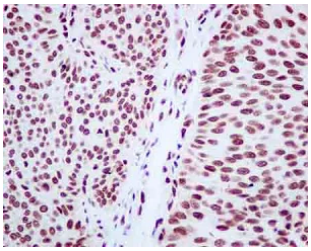
We do not recommend this combination. It is not covered by our product promise.

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.

3 product images

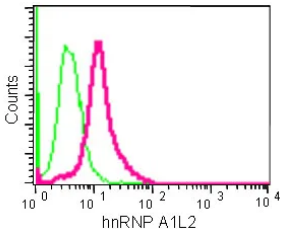


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Heterogeneous Nuclear Ribonucleoprotein (A1-like) antibody [EPR13673-33] - BSA and Azide free (ab250479)

Heterogeneous Nuclear Ribonucleoprotein (A1-like) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining using rabbit Anti-Heterogeneous Nuclear Ribonucleoprotein (A1-like) antibody

This data was developed using ab181337, the same antibody clone in a different buffer formulation.
Immunohistochemical analysis of paraffin embedded Human transitional cell carcinoma of bladder tissue sections labeling Heterogeneous Nuclear Ribonucleoprotein (A1-like) using ab181337 at a 1/100 dilution. A ready to use HRP Polymer for Rabbit IgG was used as the secondary. Hematoxylin counterstain.

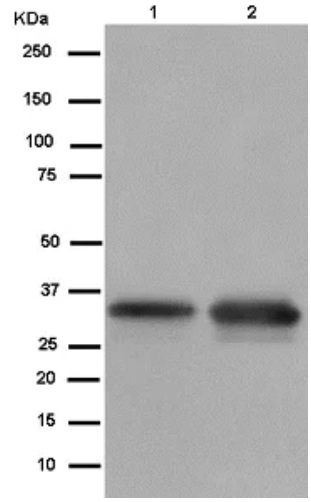
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Flow Cytometry (Intracellular) - Anti-Heterogeneous Nuclear Ribonucleoprotein (A1-like) antibody [EPR13673-33] - BSA and Azide free (ab250479)

Heterogeneous Nuclear Ribonucleoprotein (A1-like) Flow Cytometry (Intracellular) staining using rabbit Anti-Heterogeneous Nuclear Ribonucleoprotein (A1-like) antibody

This data was developed using ab181337, the same antibody clone in a different buffer formulation.
Intracellular Flow Cytometry analysis of K562 cells labeling Heterogeneous Nuclear Ribonucleoprotein (A1-like) using ab181337 at a 1/20 dilution (pink). Goat anti rabbit IgG (FITC) used as the secondary at a 1/150 dilution. Isotype control Rabbit monoclonal IgG (green). Cells were fixed in 2% paraformaldehyde.



Western blot - Anti-Heterogeneous Nuclear Ribonucleoprotein (A1-like) antibody [EPR13673-33] - BSA and Azide free (ab250479)

This data was developed using ab181337, the same antibody clone in a different buffer formulation.
Blocking and dilution buffer: 5% NFDM/TBST.

All lanes:
Western blot - Anti-Heterogeneous Nuclear Ribonucleoprotein (A1-like) antibody [EPR13673-33] (ab181337) at 1/10000 dilution

Lane 1:
Jurkat cell lysate at 20 µg

Lane 2:
K562 cell lysate at 20 µg

Secondary

All lanes:
Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 34 kDa

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