


Product datasheet

Anti-hnRNP U/p120 antibody [EPR12278(2)(B)] - BSA and Azide free ab250283

Recombinant RabMAb

5 Images

Overview

Product name	Anti-hnRNP U/p120 antibody [EPR12278(2)(B)] - BSA and Azide free
Description	Rabbit monoclonal [EPR12278(2)(B)] to hnRNP U/p120 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: IHC-P, ICC/IF, WB, Flow Cyt (Intra)
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab250283 is the carrier-free version of ab180952.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Affinity purified
Clonality	Monoclonal
Clone number	EPR12278(2)(B)
Isotype	IgG

Applications

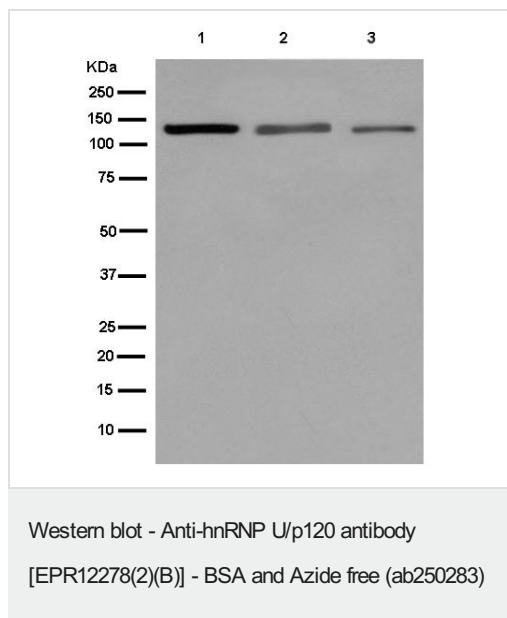
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab250283 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
ICC/IF		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Predicted molecular weight: 91 kDa.
Flow Cyt (Intra)		Use at an assay dependent concentration.

Target

Function	Component of the CRD-mediated complex that promotes MYC mRNA stabilization. Binds to pre-mRNA. Has high affinity for scaffold-attached region (SAR) DNA. Binds to double- and single-stranded DNA and RNA.
Sequence similarities	Contains 1 B30.2/SPRY domain. Contains 1 SAP domain.
Post-translational modifications	Extensively phosphorylated. Arg-733 and Arg-739 are dimethylated, probably to asymmetric dimethylarginine.
Cellular localization	Nucleus. Cytoplasm. Cell surface. Localized in cytoplasmic mRNP granules containing untranslated mRNAs. Component of ribonucleosomes. Also found associated with the cell surface.

Images



All lanes : Anti-hnRNP U/p120 antibody [EPR12278(2)(B)] ([ab180952](#)) at 1/20000 dilution

Lane 1 : K562 cell lysate

Lane 2 : Jurkat cell lysate

Lane 3 : 293 cell lysate

Lysates/proteins at 20 µg per lane.

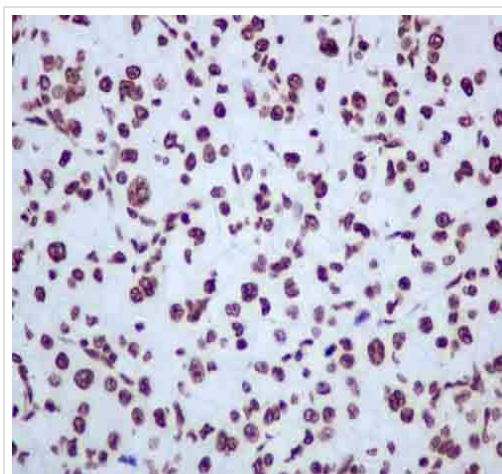
Secondary

All lanes : Peroxidase conjugated goat anti-rabbit IgG, (H+L) at 1/1000 dilution

Predicted band size: 91 kDa

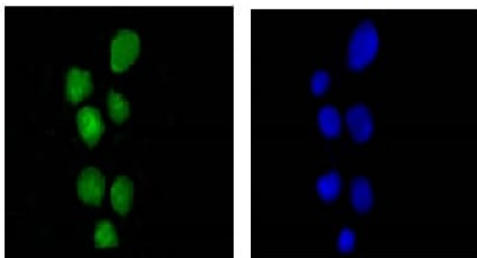
This data was developed using [ab180952](#), the same antibody clone in a different buffer formulation.

Blocking and dilution buffer: 5% NFDM/TBST.



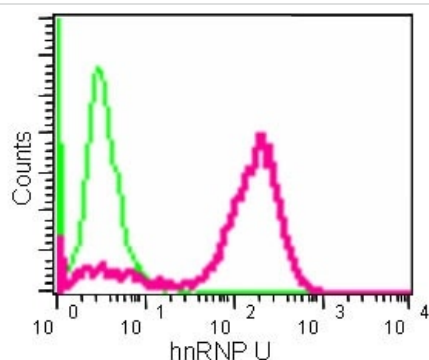
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-hnRNP U/p120 antibody [EPR12278(2)(B)] - BSA and Azide free (ab250283)

This data was developed using [ab180952](#), the same antibody clone in a different buffer formulation. Immunohistochemical analysis of paraffin-embedded Human clear cell carcinoma of kidney labeling hnRNP U/p120 using [ab180952](#) at a 1/100 dilution, with Hematoxylin counter staining. Prediluted (ready to use) HRP Polymer for Rabbit IgG was used as a secondary antibody. Perform heat mediated antigen retrieval with EDTA buffer pH 9 before commencing with IHC staining protocol.



Immunocytochemistry/ Immunofluorescence - Anti-hnRNP U/p120 antibody [EPR12278(2)(B)] - BSA and Azide free (ab250283)

This data was developed using [ab180952](#), the same antibody clone in a different buffer formulation. Immunofluorescence analysis of -20°C acetone-fixed Jurkat cells labeling hnRNP U/p120 using [ab180952](#) at a 1/100 dilution (green) with Dapi counter staining (blue). Goat anti rabbit IgG (Dylight 488), at a dilution of 1/200, was used as a secondary antibody.



Flow Cytometry (Intracellular) - Anti-hnRNP U/p120 antibody [EPR12278(2)(B)] - BSA and Azide free (ab250283)

This data was developed using [ab180952](#), the same antibody clone in a different buffer formulation.

Intracellular flow cytometric analysis of 2% paraformaldehyde-fixed K562 cells labeling hnRNP U/p120 using [ab180952](#) at a 1/100 dilution, or Rabbit monoclonal IgG as an isotype control.

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

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