


Product datasheet

Anti-RNF185 + RNF5/NG2 antibody [EPR14070-94] - BSA and Azide free ab250564

Recombinant RabMAb

4 Images

Overview

Product name	Anti-RNF185 + RNF5/NG2 antibody [EPR14070-94] - BSA and Azide free
Description	Rabbit monoclonal [EPR14070-94] to RNF185 + RNF5/NG2 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: IP, WB
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab250564 is the carrier-free version of ab181999.</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	Protein A purified
Clonality	Monoclonal
Clone number	EPR14070-94
Isotype	IgG

Applications

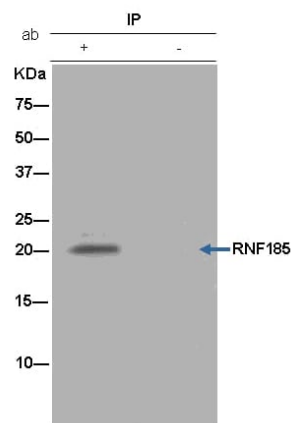
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab250564 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IP		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Detects a band of approximately 20 kDa (predicted molecular weight: 20 kDa).

Target

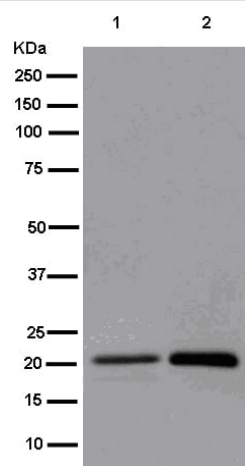
Cellular localization RNF185: Mitochondrion outer membrane. Endoplasmic reticulum membrane. RNF5/NG2: Membrane. Mitochondrion membrane. Endoplasmic reticulum membrane. Predominantly located in the plasma membrane, with some localization occurring within cytoplasmic organelles.

Images



Immunoprecipitation - Anti-RNF185 antibody
[EPR14070-94] - BSA and Azide free (ab250564)

This data was developed using [ab181999](#), the same antibody clone in a different buffer formulation. Western blot analysis of immunoprecipitation pellet from HeLa cell lysate immunoprecipitated using [ab181999](#) at 1/40 dilution (lane 1) or a negative control (lane 2) followed by Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1500 dilution.



Western blot - Anti-RNF185 antibody [EPR14070-94] - BSA and Azide free (ab250564)

All lanes : Anti-RNF185 + RNF5/NG2 antibody [EPR14070-94] ([ab181999](#)) at 1/5000 dilution

Lane 1 : HeLa cell lysate

Lane 2 : Human fetal brain lysate

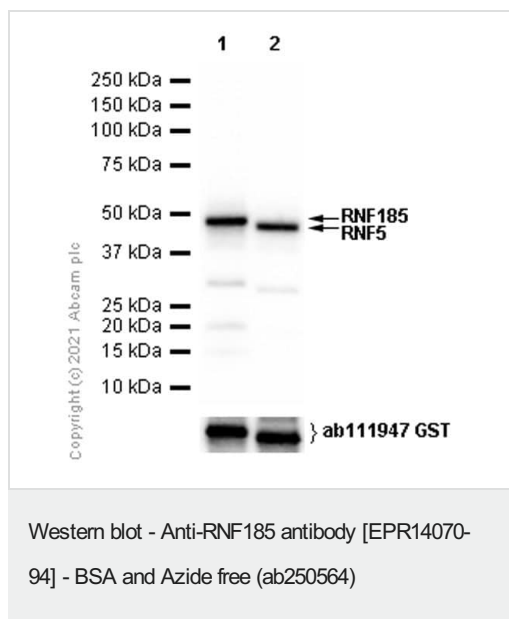
Lysates/proteins at 20 µg per lane.

Secondary

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

Predicted band size: 20 kDa

This data was developed using [ab181999](#), the same antibody clone in a different buffer formulation.



All lanes : Anti-RNF185 + RNF5/NG2 antibody [EPR14070-94] - BSA and Azide free (ab250564) at 1/10000 dilution

Lane 1 : Human RNF185 full-length ORF recombinant protein with GST-tag at N-terminal with 5% NFDm/TBST

Lane 2 : Human RNF5 full-length ORF recombinant protein with GST-tag at N-terminal with 5% NFDm/TBST

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 20 kDa

Exposure time: 1 second

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

Anti-RNF185 antibody [EPR14070-94] - BSA and Azide free (ab250564)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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