


Product datasheet

Anti-MSRB3 antibody [EPR13664] ab180584

Recombinant RabMAb

[2 References](#) [2 Images](#)

Overview

Product name	Anti-MSRB3 antibody [EPR13664]
Description	Rabbit monoclonal [EPR13664] to MSRB3
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: Flow Cyt, ICC/IF, IHC-P or IP
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
Positive control	Human fetal heart tissue lysate, Human colon cancer tissue lysate, A549 cell line lysate, HeLa cell line lysate.
General notes	<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 short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 49% PBS, 50% Glycerol (glycerin, glycerine), 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal

Clone number EPR13664

Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab180584 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
WB		1/1000 - 1/2000. Detects a band of approximately 19 kDa (predicted molecular weight: 21 kDa).

Application notes Is unsuitable for Flow Cyt, ICC/IF, IHC-P or IP.

Target

Function Catalyzes the reduction of free and protein-bound methionine sulfoxide to methionine. Isoform 2 is essential for hearing.

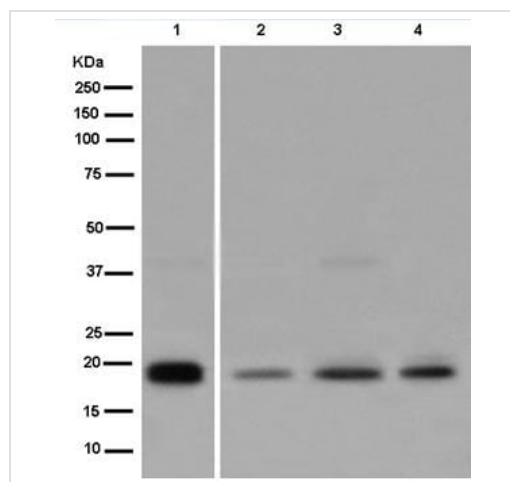
Tissue specificity Widely expressed.

Involvement in disease Deafness, autosomal recessive, 74

Sequence similarities Belongs to the MsrB Met sulfoxide reductase family. Contains 1 MsrB (methionine-R-sulfoxide reductase) domain.

Cellular localization Mitochondrion and Endoplasmic reticulum.

Images



Western blot - Anti-MSRB3 antibody [EPR13664] (ab180584)

All lanes : Anti-MSRB3 antibody [EPR13664] (ab180584) at 1/1000 dilution

Lane 1 : Human fetal heart tissue lysate

Lane 2 : Human colon tissue lysate

Lane 3 : A549 cell line lysate

Lane 4 : HeLa cell line lysate

Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 21 kDa

Observed band size: 19 kDa

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

Anti-MSRB3 antibody [EPR13664] (ab180584)

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

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