

Product datasheet

Anti-Meis homeobox 3/MEIS3 antibody [EPR15416] ab185961

Recombinant RabMAb

[1 References](#) [5 Images](#)

Overview

Product name	Anti-Meis homeobox 3/MEIS3 antibody [EPR15416]
Description	Rabbit monoclonal [EPR15416] to Meis homeobox 3/MEIS3
Host species	Rabbit
Tested applications	Suitable for: Flow Cyt (Intra), WB
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	MCF7, HepG2, Human fetal lung and heart, rat brain, rat heart, rat kidney, rat spleen, RAW 264.7 and NIH 3T3 cell lysates; HeLa cells.
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: 7.2 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR15416

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab185961 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
Flow Cyt (Intra)		1/210. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/1000 - 1/10000. Detects a band of approximately 41 kDa (predicted molecular weight: 41 kDa).

Target

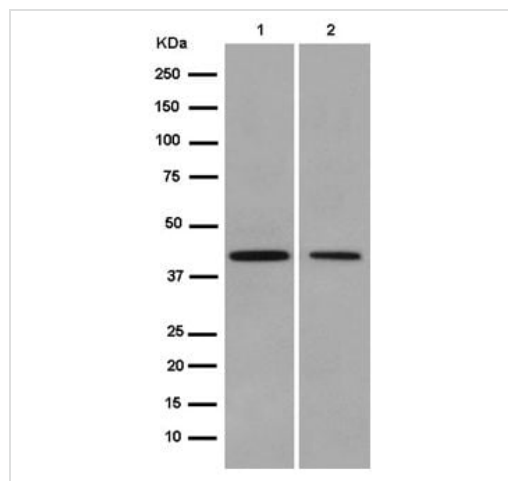
Sequence similarities

Belongs to the TALE/MEIS homeobox family.
Contains 1 homeobox DNA-binding domain.

Cellular localization

Nucleus.

Images



Western blot - Anti-Meis homeobox 3/MEIS3 antibody [EPR15416] (ab185961)

All lanes : Anti-Meis homeobox 3/MEIS3 antibody [EPR15416] (ab185961) at 1/5000 dilution

Lane 1 : MCF7 cell lysate

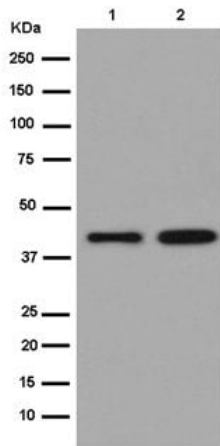
Lane 2 : HepG2 cell lysate

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: 41 kDa



Western blot - Anti-Meis homeobox 3/MEIS3 antibody [EPR15416] (ab185961)

All lanes : Anti-Meis homeobox 3/MEIS3 antibody [EPR15416] (ab185961) at 1/5000 dilution

Lane 1 : Human fetal lung tissue lysate

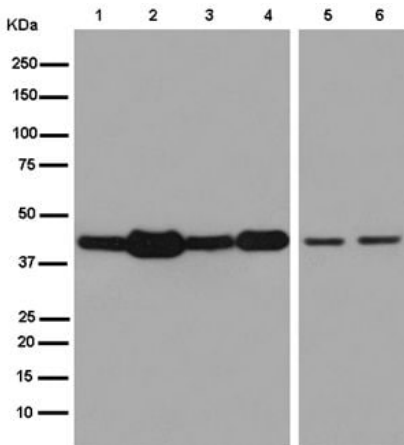
Lane 2 : Human fetal heart tissue lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1000 dilution

Predicted band size: 41 kDa



Western blot - Anti-Meis homeobox 3/MEIS3 antibody [EPR15416] (ab185961)

All lanes : Anti-Meis homeobox 3/MEIS3 antibody [EPR15416] (ab185961) at 1/1000 dilution

Lane 1 : Rat brain lysate

Lane 2 : Rat heart lysate

Lane 3 : Rat kidney lysate

Lane 4 : Rat spleen lysate

Lane 5 : RAW 264.7 cell lysate

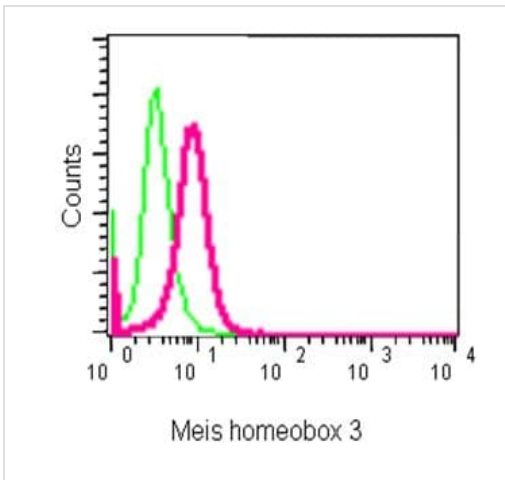
Lane 6 : NIH 3T3 cell lysate

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: 41 kDa



Intracellular flow cytometric analysis of 2% paraformaldehyde-fixed HeLa cells labeling Meis homeobox 3/MEIS3 with ab185961 at 1/210 dilution (red) compared with a rabbit monoclonal IgG isotype control (green). Detection utilised Goat anti rabbit IgG (FITC) at 1/150 dilution.

Flow Cytometry (Intracellular) - Anti-Meis homeobox 3/MEIS3 antibody [EPR15416] (ab185961)

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

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