


Product datasheet

Anti-MEIS2 antibody [EPR12100] ab174270

Recombinant RabMAb

★★★★★ 1 Abreviews 3 Images

Overview

Product name	Anti-MEIS2 antibody [EPR12100]
Description	Rabbit monoclonal [EPR12100] to MEIS2
Host species	Rabbit
Specificity	The immunogen of ab174270 is, according to BLAST results, highly conserved (93%) with human MEIS1. According to this, the antibody is very likely to cross-react with MEIS1 but this has, to our knowledge, not been experimentally tested so far.
Tested applications	Suitable for: Flow Cyt (Intra), WB Unsuitable for: ICC/IF, IHC-P or IP
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide within Human MEIS2 aa 1-100 (Cysteine residue). The exact sequence is proprietary. Database link: Q14770
Positive control	Fetal thymus, HeLa, HepG2 and K562 lysates. Permeabilized K562 cells.
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: <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 For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

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: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Tissue culture supernatant
Clonality	Monoclonal
Clone number	EPR12100
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab174270 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)		1/10 - 1/100. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB	★★★★★ (1)	1/1000 - 1/10000. Predicted molecular weight: 52 kDa.

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

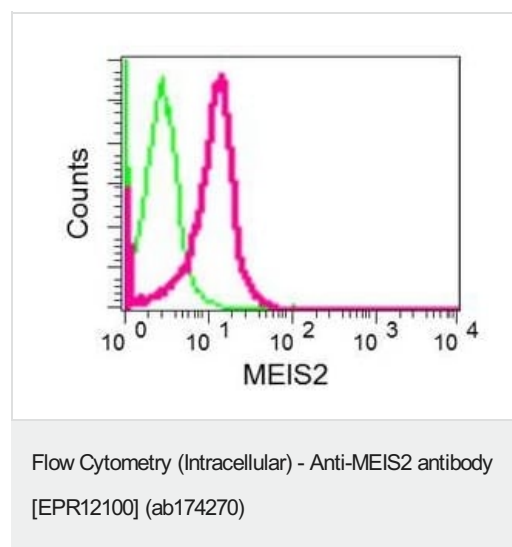
Target

Tissue specificity Expressed in various tissues. In hematopoietic tissues, the lymphoid organs express high levels of MEIS2. Also expressed in some regions of the brain, such as the putamen.

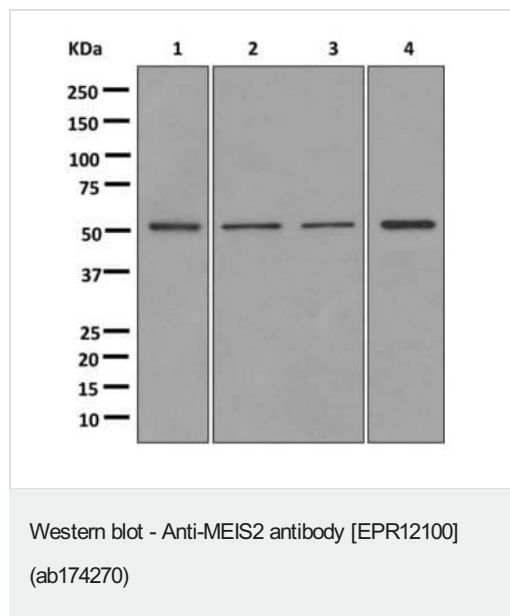
Sequence similarities Belongs to the TALE/MEIS homeobox family.
Contains 1 homeobox DNA-binding domain.

Cellular localization Nucleus.

Images



Intracellular flow cytometric analysis of permeabilized K562 cells using ab174270 at a 1/10 dilution (red) or a rabbit IgG (negative) (green).



All lanes : Anti-MEIS2 antibody [EPR12100] (ab174270) at 1/1000 dilution

Lane 1 : Fetal thymus lysates

Lane 2 : HeLa lysates

Lane 3 : HepG2 lysates

Lane 4 : K562 lysates

Lysates/proteins at 10 µg per lane.

Predicted band size: 52 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-MEIS2 antibody [EPR12100] (ab174270)

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

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