

Product datasheet

Anti-HID1/DMC1 antibody [EPR12901] ab175926

Recombinant RabMAb

3 Images

Overview

Product name	Anti-HID1/DMC1 antibody [EPR12901]
Description	Rabbit monoclonal [EPR12901] to HID1/DMC1
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF Unsuitable for: Flow Cyt, IHC-P or IP
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment within Human HID1/DMC1. The exact sequence is proprietary. Database link: Q8IV36
Positive control	A549, MCF-7, fetal brain, human stomach, SK-BR-3 and HT-29 lysates; MCF-7 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> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</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: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Tissue culture supernatant

Clonality	Monoclonal
Clone number	EPR12901
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab175926 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

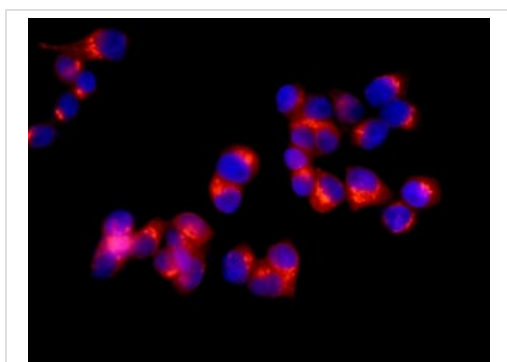
Application	Abreviews	Notes
WB		1/1000 - 1/5000. Predicted molecular weight: 89 kDa.
ICC/IF		1/100 - 1/250.

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

Target

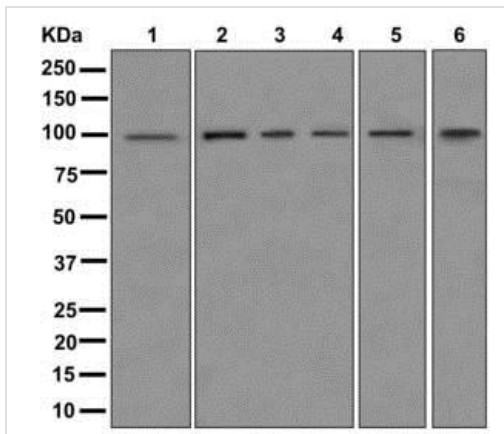
Function	May play an important role in the development of cancers in a broad range of tissues.
Tissue specificity	Expressed in heart, skeletal muscle, colon, spleen, kidney, liver, small intestine and lung. Highest expression is seen in brain and placenta. Loss of expression is seen in some breast, cervical, hepatocellular, lung, thyroid, gastric and renal cell-cancer lines.
Sequence similarities	Belongs to the UPF0663 family.
Cellular localization	Membrane.

Images



Immunofluorescent staining of MCF7 cells using labeling HID1/DMC1 with ab175926 at 1/100 dilution (red). DAPI nuclear staining (blue).

Immunocytochemistry/ Immunofluorescence - Anti-HID1/DMC1 antibody [EPR12901] (ab175926)



Western blot - Anti-HID1/DMC1 antibody [EPR12901] (ab175926)

All lanes : Anti-HID1/DMC1 antibody [EPR12901] (ab175926) at 1/1000 dilution

- Lane 1 :** A549 cell lysate
- Lane 2 :** MCF7 cell lysate
- Lane 3 :** Fetal brain cell lysate
- Lane 4 :** Human stomach lysate
- Lane 5 :** SK-BR-3 cell lysate
- Lane 6 :** HT-29 cell lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 89 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-HID1/DMC1 antibody [EPR12901] (ab175926)

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

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