

Product datasheet

Anti-Cell adhesion molecule 4 antibody [EP9563] ab150370

Recombinant RabMAb

[2 Images](#)

Overview

Product name	Anti-Cell adhesion molecule 4 antibody [EP9563]
Description	Rabbit monoclonal [EP9563] to Cell adhesion molecule 4
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: Flow Cyt, ICC, IHC-P or IP
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide within Human Cell adhesion molecule 4 aa 50-150. The exact sequence is proprietary.
Positive control	Human fetal kidney, 293T, PC3, Caco 2, C6, RAW 264.7, PC12 and NIH 3T3 cell lysates.
General notes	

This product is a recombinant monoclonal antibody, which offers several advantages including:

- 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 -20°C.
Storage buffer	pH: 7.2 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	EP9563
Isotype	IgG

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab150370 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 - 1/10000. Predicted molecular weight: 43 kDa.

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

Target

Function Involved in the cell-cell adhesion. Has calcium- and magnesium-independent cell-cell adhesion activity. May have tumor-suppressor activity.

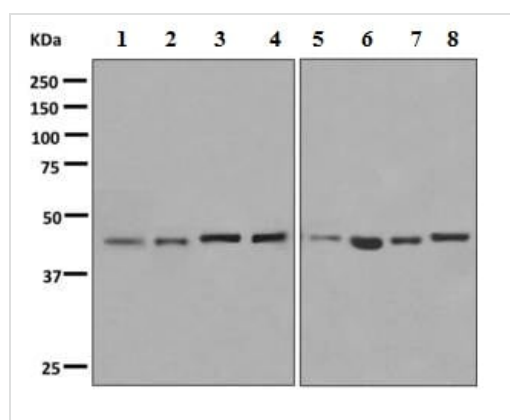
Tissue specificity Expressed in brain, prostate, brain, kidney and some other organs.

Sequence similarities Belongs to the nectin family.
Contains 2 Ig-like C2-type (immunoglobulin-like) domains.
Contains 1 Ig-like V-type (immunoglobulin-like) domain.

Post-translational modifications N-glycosylated.

Cellular localization Membrane.

Images



Western blot - Anti-Cell adhesion molecule 4 antibody [EP9563] (ab150370)

All lanes : Anti-Cell adhesion molecule 4 antibody [EP9563] (ab150370) at 1/1000 dilution

Lane 1 : Human fetal kidney cell lysates

Lane 2 : 293T cell lysates

Lane 3 : PC3 cell lysates

Lane 4 : Caco 2 cell lysates

Lane 5 : C6 cell lysates

Lane 6 : RAW 264.7 cell lysates

Lane 7 : PC-12 cell lysates

Lane 8 : NIH 3T3 cell lysates


Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 43 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-Cell adhesion molecule 4 antibody [EP9563]
(ab150370)

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors