abcam

Product datasheet

Anti-NCAM2 antibody [EPR12815(B)] ab173297

Recombinant   RabMAb

4 Images

Overview

Product name	Anti-NCAM2 antibody [EPR12815(B)]
Description	Rabbit monoclonal [EPR12815(B)] to NCAM2
Host species	Rabbit
Tested applications	**Suitable for:** WB, IHC-P, IP **Unsuitable for:** Flow Cyt
Species reactivity	**Reacts with:** Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	MCF7 and Human fetal brain lysates; Human glioma tissue.
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**.

Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

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	Protein A purified

Clonality	Monoclonal
Clone number	EPR12815(B)
Isotype	IgG

Applications

The Abpromise guarantee   Our **Abpromise guarantee** covers the use of ab173297 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
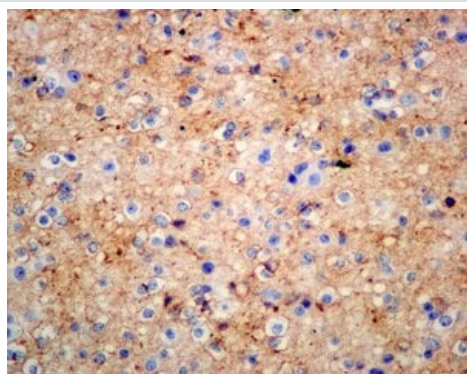
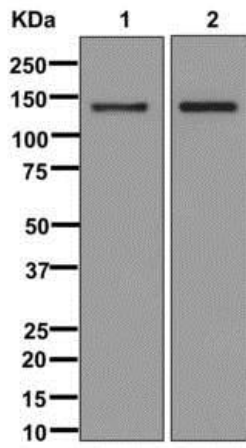| Application	Abreviews	Notes
WB		1/1000 - 1/10000. Predicted molecular weight: 93 kDa.
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
IP		1/10 - 1/100.

Application notes   Is unsuitable for Flow Cyt.

Target

Function	May play important roles in selective fasciculation and zone-to-zone projection of the primary olfactory axons.
Tissue specificity	Expressed most strongly in adult and fetal brain.
Sequence similarities	Contains 2 fibronectin type-III domains. Contains 5 Ig-like C2-type (immunoglobulin-like) domains.
Cellular localization	Cell membrane.

Images

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NCAM2 antibody [EPR12815(B)] (ab173297)

Immunohistochemical analysis of paraffin-embedded Human glioma tissue labeling NCAM2 with ab173297 at 1/50 dilution.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

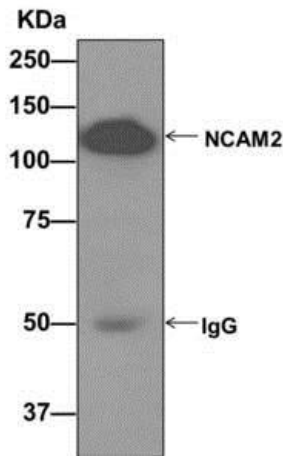Western blot - Anti-NCAM2 antibody [EPR12815(B)] (ab173297)

All lanes : Anti-NCAM2 antibody [EPR12815(B)] (ab173297) at 1/1000 dilution

Lane 1 : MCF7 lysate

Lane 2 : Human fetal brain lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 93 kDa

Immunoprecipitation - Anti-NCAM2 antibody [EPR12815(B)] (ab173297)

Western blot analysis on immunoprecipitation pellet from fetal brain lysate using ab173297.

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-NCAM2 antibody [EPR12815(B)] (ab173297)

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