

Product datasheet

Anti-NCAM1 antibody [EP2566(2)] ab137086

Recombinant RabMAb

[1 References](#) [3 Images](#)

Overview

Product name	Anti-NCAM1 antibody [EP2566(2)]
Description	Rabbit monoclonal [EP2566(2)] to NCAM1
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P Unsuitable for: ICC/IF or IP
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide within Human NCAM1. The exact sequence is proprietary.
Positive control	Human cerebellum, oligodendroglioma and SH-SY5Y lysates; Human glioma tissue.
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 -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	Protein A purified
Clonality	Monoclonal

Clone number EP2566(2)

Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab137086 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		1/10000 - 1/50000. Predicted molecular weight: 94 kDa.
IHC-P		1/250 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Application notes Is unsuitable for ICC/IF or IP.

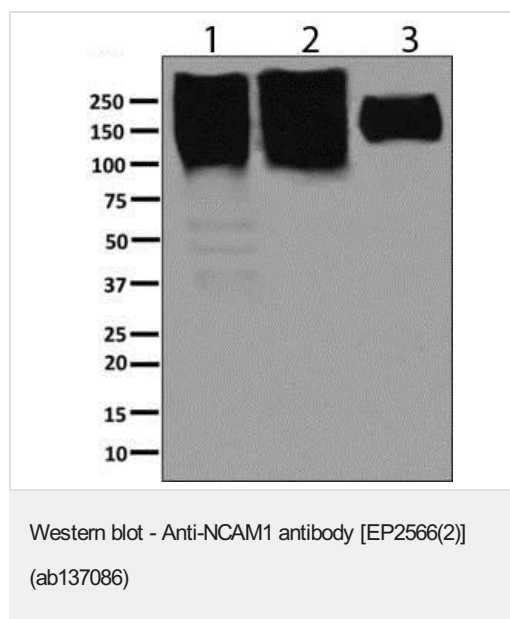
Target

Function This protein is a cell adhesion molecule involved in neuron-neuron adhesion, neurite fasciculation, outgrowth of neurites, etc.

Sequence similarities Contains 2 fibronectin type-III domains.
Contains 5 Ig-like C2-type (immunoglobulin-like) domains.

Cellular localization Secreted and Cell membrane.

Images



All lanes : Anti-NCAM1 antibody [EP2566(2)] (ab137086) at 1/10000 dilution

Lane 1 : Human cerebellum lysate

Lane 2 : Human oligodendroglioma lysate

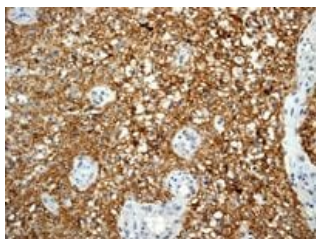
Lane 3 : SH-SY5Y cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

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

Predicted band size: 94 kDa



Immunohistochemical analysis of paraffin-embedded Human glioma tissue labeling NCAM with ab137086 at 1/250 dilution.

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

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NCAM1 antibody [EP2566(2)] (ab137086)

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-NCAM1 antibody [EP2566(2)] (ab137086)

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

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