

Product datasheet

Anti-NCAM1 antibody [EP2566(2)] ab137086

Recombinant **RabMAb**

[1 References](#) [2 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	Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb[®] patents](#).

This product is a [recombinant rabbit monoclonal antibody](#).

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C.
Storage buffer	Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol, 0.05% BSA, 50% Tissue culture supernatant
Purity	Tissue culture supernatant
Clonality	Monoclonal
Clone number	EP2566(2)
Isotype	IgG

Applications

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.

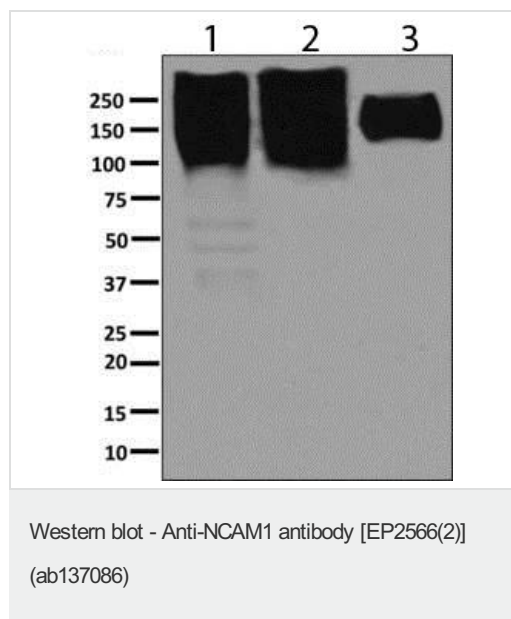
Target

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

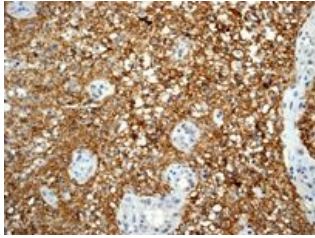
Lane 3 : SH-SY5Y cell lysate

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.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - 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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