

Product datasheet

Anti-ENPP5 antibody [EPR8236] ab137014

Recombinant RabMAb

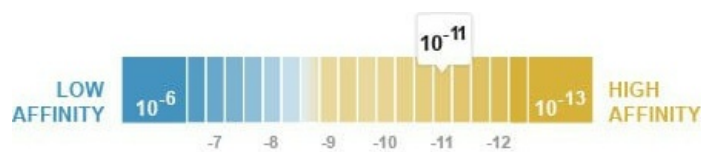
4 Images

Overview

Product name	Anti-ENPP5 antibody [EPR8236]
Description	Rabbit monoclonal [EPR8236] to ENPP5
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF Unsuitable for: IHC-P or IP
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide within Human ENPP5 aa 400-500. The exact sequence is proprietary.
Positive control	Y79, SH-SY5Y, MCF7, U87-MG, C6, and Neuro-2a cell lysates; MCF7 cells
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: <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 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.
Dissociation constant (K _D)	K _D = 1.18 x 10 ⁻¹¹ M



[Learn more about K_D](#)

Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture
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	supernatant
Purity	Tissue culture supernatant
Clonality	Monoclonal
Clone number	EPR8236
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab137014 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

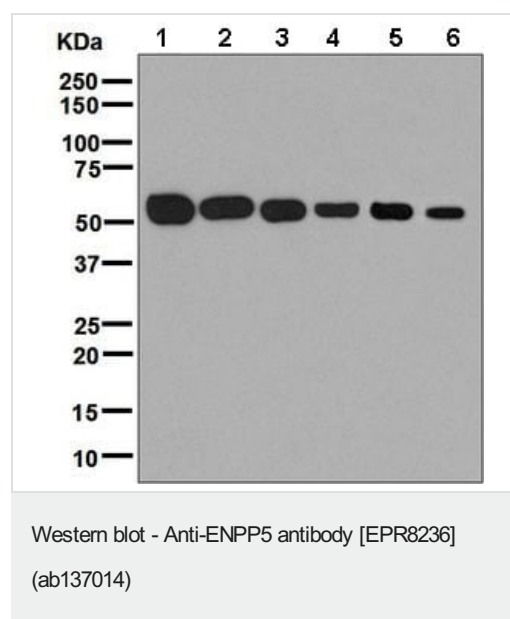
Application	Abreviews	Notes
WB		1/1000 - 1/10000. Predicted molecular weight: 55 kDa.
ICC/IF		1/250 - 1/500.

Application notes Is unsuitable for IHC-P or IP.

Target

Function	May play a role in neuronal cell communication. Lacks nucleotide pyrophosphatase and lysopholipase D activity.
Sequence similarities	Belongs to the nucleotide pyrophosphatase/phosphodiesterase family.
Post-translational modifications	N-glycosylated.
Cellular localization	Secreted. Membrane.

Images



All lanes : Anti-ENPP5 antibody [EPR8236] (ab137014) at 1/1000 dilution

Lane 1 : Y79 (Human retinoblastoma cell line) cell lysate

Lane 2 : SH-SY5Y cell lysate

Lane 3 : MCF7 cell lysate

Lane 4 : U-87 MG (Human glioblastoma-astrocytoma epithelial cell line) cell lysate

Lane 5 : C6 cell lysate

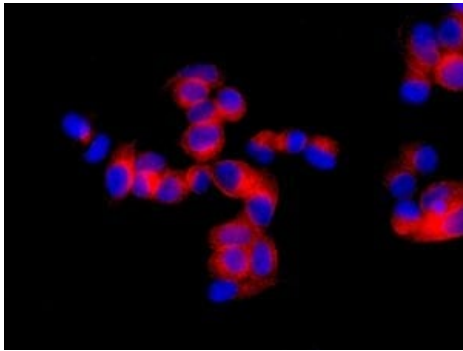
Lane 6 : Neuro-2a cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

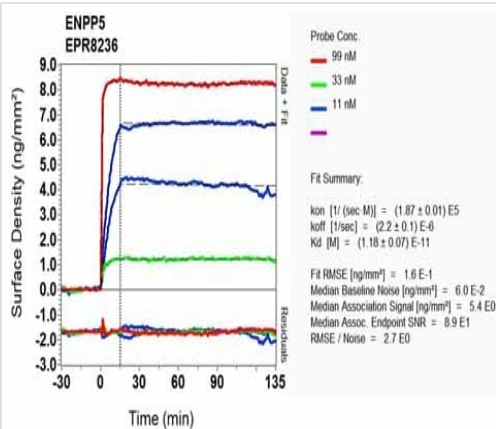
All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 55 kDa



Immunocytochemistry/ Immunofluorescence - Anti-ENPP5 antibody [EPR8236] (ab137014)

Immunofluorescent analysis of MCF7 cells labelling ENPP5 with ab137014 at 1/250 dilution.



BI-RD Scanning - Anti-ENPP5 antibody [EPR8236] (ab137014)

Equilibrium dissociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

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-ENPP5 antibody [EPR8236] (ab137014)

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

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