

Mouse anti-Human PRPH Monoclonal Antibody | anti-PRPH antibody

PRPH (Peripherin, Neurofilament 4, NEF4, PRPH1) (Biotin)

CATALOG # AAA24920	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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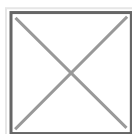
PRODUCT SYNONYMS

PRPH; Monoclonal Antibody; PRPH (Peripherin; Neurofilament 4; NEF4; PRPH1) (Biotin); anti-PRPH antibody

PRODUCT SPECIFICATIONS

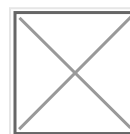
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	3B3
Specificity	Recognizes human PRPH.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Concentration	0.35mg/mL (varies by lot)
Sequence	RHLREYQELL NVKMALDIEI ATYRKLEGE ESRISVPVHS FASLNIKTTV PEVEPPQDSH SRKTVLIKT ETRNGEVVTE SQKEQRSELD KSSAHSY
Applicable Applications for anti-PRPH antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	Immunohistochemistry: Formalin fixed, paraffin embedded tissues. Optimal dilutions to be determined by the researcher.
Immunogen	Partial recombinant protein corresponding to aa374-470 of human PRPH with GST tag. MW of the GST tag alone is 26kD.
Conjugate	Biotin
Grade	Affinity purified
Preparation and Storage	Store product at 4°C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20°C. Aliquots are stable at -20°C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of on HeLa cell using AAA24920 (10ug/ml).

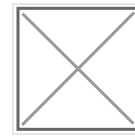


IHC (Immunohistochemistry)

Immunoperoxidase of formalin-fixed paraffin-embedded human placenta using AAA24920 (3ug/ml).

**WB (Western Blot)**

Western Blot analysis of PRPH expression in IMR-32 using AAA24920.

**Application Data**

Detection limit for recombinant GST tagged PRPH is 1ng/ml using AAA24920 as a capture antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PRPH antibody	Peripherin is a 57kD type III intermediate filament that is a specific marker for peripheral neurons, including enteric ganglion cells. Peripherin is expressed in the developing peripheral nervous system and is highly enriched in neuronal derivatives of the neural crest. Peripherin offers an advantage over other neural markers, such as S100 and NSE in that it does not stain chrmaffin cell types.
Product Categories/Family for anti-PRPH antibody	Antibodies ; Peripherin

NCBI AND UNIPROT INFORMATION

NCBI GI #	21264345
NCBI GeneID	5630
NCBI Accession #	NP_006253
NCBI GenBank Nucleotide #	NM_006262
UniProt Accession #	P41219 ; Q8N577
NCBI Official Full Name	peripherin
NCBI Official Synonym Full Names	peripherin
NCBI Official Symbol	PRPH
NCBI Official Synonym Symbols	NEF4; PRPH1
NCBI Protein Information	peripherin; neurofilament 4 (57kD)
UniProt Protein Name	Peripherin
UniProt Gene Name	PRPH
UniProt Synonym Gene Names	NEF4; PRPH1
UniProt Entry Name	PERI_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/prph-antibody-clone-3b3-immunofluorescence-immunohistochemistry-western-blot-elisa/24920>