

Mouse CD271 Monoclonal Antibody | anti-CD271 antibody

Anti-Hu CD271 Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128901	Mouse	Human, Rabbit, Cat, Non-human primates, Ferret	Immunocytochemistry, Immunohistochemistry, Western Blot, Immunoprecipitation, Flow Cytometry, Functional Assay

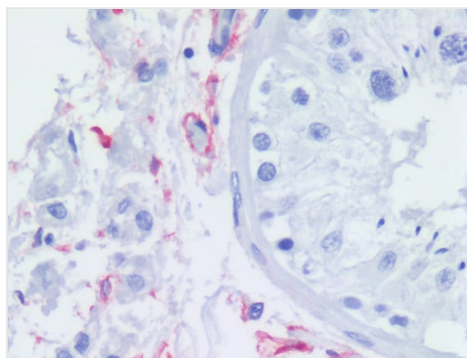
PRODUCT SYNONYMS

CD271; Monoclonal Antibody; Anti-Hu CD271 Purified; nerve growth factor receptor; TNFRSF16; NGFR; p75NTR; p75NGFR; anti-CD271 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rabbit, Cat, Non-human primates, Ferret
Clonality	Monoclonal
Isotype	IgG1
Clone Number	NGFR5
Specificity	The mouse monoclonal antibody NGFR5 (originally C34C) recognizes an intracellular epitope of CD271/NGFR, a 75 kDa transmembrane glycoprotein of the TNFR superfamily. The epitope is localized within amino acids 1 - 160.
Purity/Purification	Purified by Protein-A Affinity Chromatography
Form/Format	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	427
Applicable Applications for anti-CD271 antibody	MC (Mass Cytometry/CyTOF), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot), IP (Immunoprecipitation), FCM/FACS (Flow Cytometry)
Immunogen	Purified CD271 protein isolated from human melanoma cell line A875
Negative Species	Mouse, Rat
Preparation and Storage	Store at 2-8 degree C.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry staining of human testis (paraffin sections) using anti-CD271 (NGFR5).

Commercially tested by LifeSpan BioSciences.

ADDITIONAL INFORMATION

Related Product Information for anti-CD271 antibody	CD271 / NGFR, also known as p75NGFR or p75NTR, is a 75 kDa low affinity receptor for the NGF (nerve growth factor), BDNF (brain-derived growth factor), and other neurotrophins, such as NT3 and NT4/5. Unlike other members of the tumor necrosis factor receptor superfamily of transmembrane proteins, CD271 has unique intracellular domain structure (lacks catalytic activity) and downstream signaling partners. Triggered by its ligands CD271 affects growth, differentiation, migration and death of the nervous system cells.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505393
NCBI GeneID	4804
NCBI Accession #	NP_002498.1
NCBI GenBank Nucleotide #	NP_002498.1
UniProt Accession #	P08138
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 16
NCBI Official Synonym Full Names	nerve growth factor receptor
NCBI Official Symbol	NGFR
NCBI Official Synonym Symbols	CD271; p75NTR; TNFRSF16; p75(NTR); Gp80-LNGFR
NCBI Protein Information	tumor necrosis factor receptor superfamily member 16
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 16
UniProt Gene Name	NGFR
UniProt Synonym Gene Names	TNFRSF16; NGF receptor
UniProt Entry Name	TNR16_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/cd271-antibody-clone-ngfr5-mass-cytometry-cytof-immunocytochemistry-immunohistochemistry-western-blot-immunoprecipitation-flow-cytometry-elisa/128901>