

Rabbit anti-Mouse CD271 Monoclonal Antibody | anti-Ngfr antibody

CD271 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283029	Rabbit	Mouse	ELISA, Flow Cytometry, Functional Assay, Western Blot

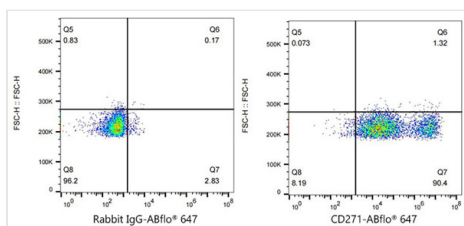
PRODUCT SYNONYMS

CD271; Monoclonal Antibody; CD271 Rabbit mAb; p75; LNGFR; p75NTR; p75NGFR; Tnfrsf16; anti-Ngfr antibody

PRODUCT SPECIFICATIONS

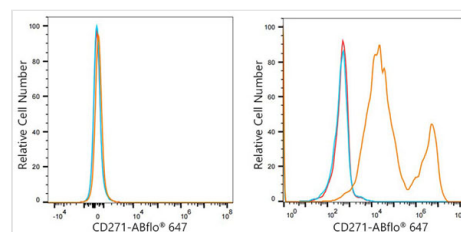
Host	Rabbit
Reactivity	Mouse
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	KETCSTGMYT HSGECKKACN LGEGVAQPCG ANQTVCEPCL DSVTFSDVVS ATEPCKPCTE CLGLQSMSAP CVEADDAVCR CSYGYQDEE TGRCEACSVG GVGSGLVFSC QDKQNTVCEE CPEGTYSDEA NHVDPCLPCT VCEDTERQLR ECTPWADAEC EEIPGRWITR STPPEGSDVT TPSTQEPEAP PERDLIASTV ADTVTTVMGS SQPVVTRGTA DNL
Applicable Applications for anti-Ngfr antibody	ELISA, FCM/FACS (Flow Cytometry), WB (Western Blot)
Cross Reactivity	Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 32-254 of mouse CD271 (NP_150086.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



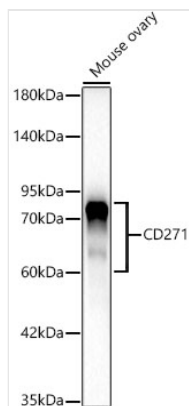
FCM/FACS (Flow Cytometry)

Flow cytometry: 1X10⁶ 293F(Transfection) cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 2 ug/mL, left) or CD271/NGFR Rabbit mAb(AAA283029, 2 ug/mL, right).



FCM/FACS (Flow Cytometry)

Flow cytometry: 1X10⁶ 293F cells (negative control, Left) and 293F(Transfection) cells (Right) were surface-stained with CD271/NGFR Rabbit mAb(AAA283029, 2ug/mL, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 2ug/mL, blue line), followed by Alexa Fluor® 647 conjugated goat anti-rabbit pAb(1:200 dilution) staining. Non-fluorescently stained cells were used as blank control (red line).



WB (Western Blot)

Western blot analysis of lysates from Mouse ovary, using CD271 Rabbit mAb (AAA283029) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-Ngfr antibody	Enables death receptor activity; nerve growth factor binding activity; and small GTPase binding activity. Involved in several processes, including cellular glucose homeostasis; circadian regulation of gene expression; and dorsal aorta development. Acts upstream of or within several processes, including hair follicle morphogenesis; nervous system development; and regulation of signal transduction. Located in several cellular components, including cell surface; cell-cell junction; and postsynaptic density. Is expressed in several structures, including alimentary system; genitourinary system; integumental system; nervous system; and sensory organ. Human ortholog(s) of this gene implicated in Alzheimer's disease and mental depression. Orthologous to human NGFR (nerve growth factor receptor).
Product Categories/Family for anti-Ngfr antibody	Neuroscience; Neurology; process; Growth and Development; Neurotrophins; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	21264104
NCBI GeneID	18053
UniProt Accession #	Q9Z0W1
Molecular Weight	Calculated MW: 45KDa Observed MW: 60-75kDa
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 16
UniProt Gene Name	Ngfr
UniProt Synonym Gene Names	Tnfrsf16; NGF receptor

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-flow-cytometry-western-blot-elisa/283029>