

Mouse NEU2 Monoclonal Antibody | anti-NEU2 antibody

NEU2 antibody

CATALOG # AAA106697	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence
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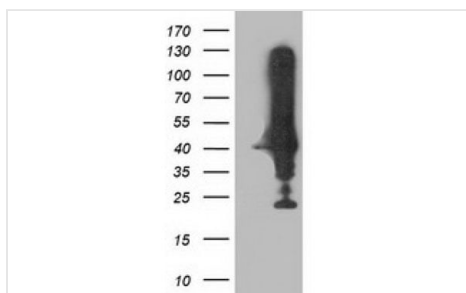
PRODUCT SYNONYMS

NEU2; Monoclonal Antibody; NEU2 antibody; Monoclonal NEU2; Anti-NEU2; Sialidase 2; Cytosolic sialidase; SIAL2; N-acetyl-alpha-neuraminidase 2; Neuraminidase 2; NEU 2; NEU-2; anti-NEU2 antibody

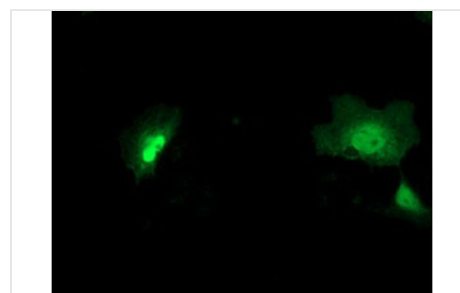
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	5 E1
Purity/Purification	NEU2 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	380
Applicable Applications for anti-NEU2 antibody	WB (Western Blot), IF (Immunofluorescence)
Biological Significance	NEU2 belongs to a family of glycohydrolytic enzymes which remove sialic acid residues from glycoproteins and glycolipids. Expression studies in COS7 cells confirmed that this gene encodes a functional sialidase. Its cytosolic localization was demonstrated by cell fractionation experiments.
Cross-Reactivity	Human
Immunogen	NEU2 antibody was raised in mouse using a full length recombinant protein of human NEU2 (NP_005374) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant NEU2 protein (Right) or empty vector (Left) detected with NEU2 antibody


IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant NEU2 protein using NEU2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-NEU2 antibody	Mouse monoclonal NEU2 antibody
Product Categories/Family for anti-NEU2 antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	222352170
NCBI GeneID	4759
NCBI Accession #	NP_005374
NCBI GenBank Nucleotide #	NM_005383.2
UniProt Accession #	Q9Y3R4 ; Q3KNW4 ; Q6NTB4
Molecular Weight	42,254 Da
NCBI Official Full Name	sialidase-2
NCBI Official Synonym Full Names	sialidase 2 (cytosolic sialidase)
NCBI Official Symbol	NEU2
NCBI Official Synonym Symbols	SIAL2
NCBI Protein Information	sialidase-2
UniProt Protein Name	Sialidase-2
UniProt Gene Name	NEU2
UniProt Entry Name	NEUR2_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/neu2-antibody-clone-5-e1-western-blot-immunofluorescence-elisa/106697>