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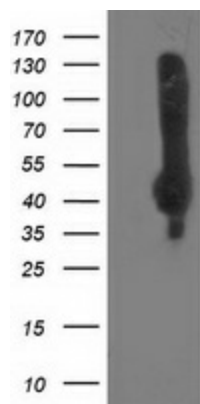techsupport@origene.com
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Product datasheet for TA503332

NEU2 Mouse Monoclonal Antibody [Clone ID: OTI8C12]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI8C12
Applications:	WB
Recommend Dilution:	WB 1:2000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human NEU2(NP_005374) produced in HEK293T cell.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.93 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	42.1 kDa
Gene Name:	neuraminidase 2
Database Link:	NP_005374 Entrez Gene 4759 Human
Background:	This gene 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. [provided by RefSeq]
Synonyms:	SIAL2
Protein Pathways:	Other glycan degradation, Sphingolipid metabolism

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Product images:

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY NEU2 ([RC219858], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-NEU2. Positive lysates [LY401652] (100ug) and [LC401652] (20ug) can be purchased separately from OriGene.