

## Product datasheet for TA502942

### NEU2 Mouse Monoclonal Antibody [Clone ID: OTI4F4]

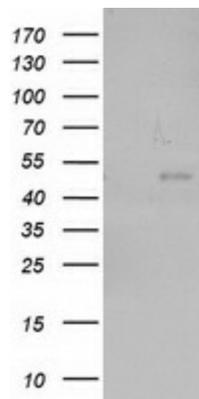
#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4F4
Applications:	FC, IF, WB
Recommend Dilution:	WB 1:2000, IF 1:100, FLOW 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
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:	0.65 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:	<a href="#">NP_005374 Entrez Gene 4759 Human</a>
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

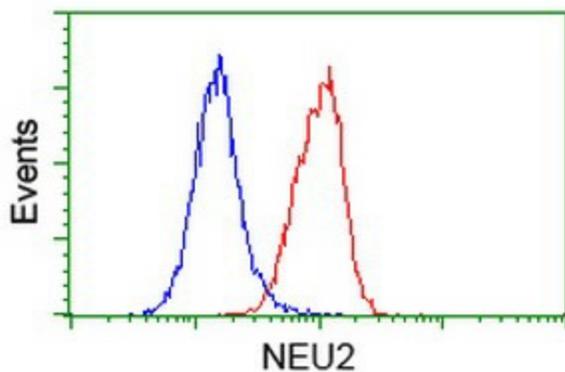


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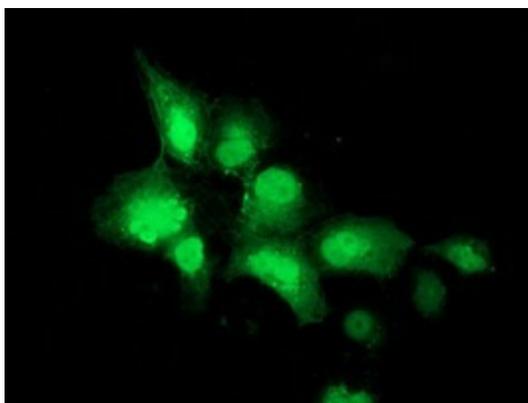
## Product images:



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.



Flow cytometric Analysis of HeLa cells, using anti-NEU2 antibody (TA502942), (Red), compared to a nonspecific negative control antibody ([TA50011]), (Blue).



Anti-NEU2 mouse monoclonal antibody (TA502942) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY NEU2 ([RC219858]).