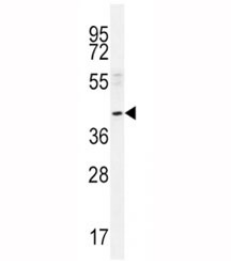
NEU2 Antibody (F41977)

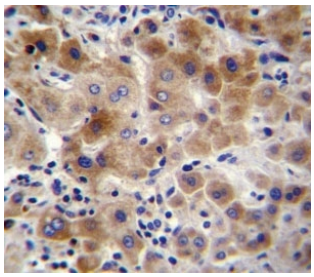
Catalog No.	Formulation	Size
F41977-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F41977-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

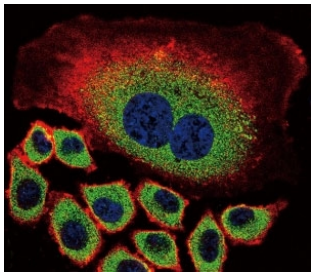
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q9Y3R4
Applications	Western blot: 1:1000 IHC (Paraffin): 1:10-1:50 Immunofluorescence: 1:10-1:50 Flow Cytometry: 1:10-1:50
Limitations	This NEU2 antibody is available for research use only.



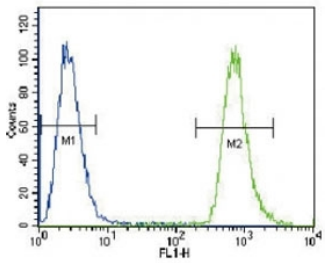
NEU2 antibody western blot analysis in A549 lysate. Predicted molecular weight ~42 kDa.



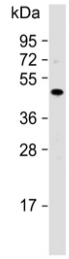
NEU2 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue.



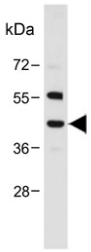
Confocal immunofluorescent analysis of NEU2 antibody with A549 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit lgG (green). Actin filaments have been labeled with Alexa Fluor 555 Phalloidin (red). DAPI was used as a nuclear counterstain (blue).



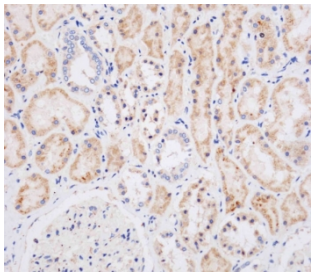
NEU2 antibody flow cytometric analysis of A549 cells (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



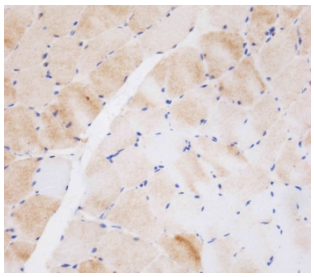
Western blot testing of human fetal liver tissue lysate with NEU2 antibody. Predicted molecular weight ~42 kDa.



Western blot testing of human heart tissue lysate with NEU2 antibody. Predicted molecular weight ~42 kDa.



IHC testing of FFPE human kidney tissue with NEU2 antibody. HIER: steam section in pH9 EDTA for 20 min and allow to cool prior to staining.



IHC testing of FFPE human skeletal muscle tissue with NEU2 antibody. HIER: steam section in pH9 EDTA for 20 min and allow to cool prior to staining.

Description

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].

Application Notes

Titration of the NEU2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 23-50 from the human protein was used as the immunogen for this NEU2 antibody.

Storage

Aliquot the NEU2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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