

# NEU3 Rabbit pAb

Catalog No.: A13842

## Basic Information

### Observed MW

48kDa

### Calculated MW

48kDa

### Category

Primary antibody

### Applications

ELISA, WB, IF/ICC

### Cross-Reactivity

Human, Mouse

## Background

This gene product belongs to a family of glycohydrolytic enzymes which remove sialic acid residues from glycoproteins and glycolipids. It is localized in the plasma membrane, and its activity is specific for gangliosides. It may play a role in modulating the ganglioside content of the lipid bilayer.

## Recommended Dilutions

WB	1:500 - 1:2000
IF/ICC	1:50 - 1:200

## Immunogen Information

Gene ID	Swiss Prot
10825	Q9UQ49

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 222-461 of human NEU3 (NP\_006647.3).

### Synonyms

SIAL3; NEU3

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Product Information

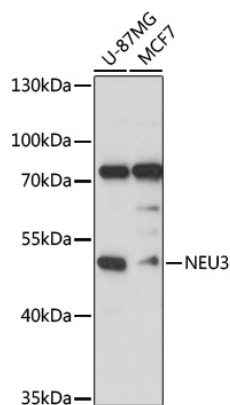
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

### Storage

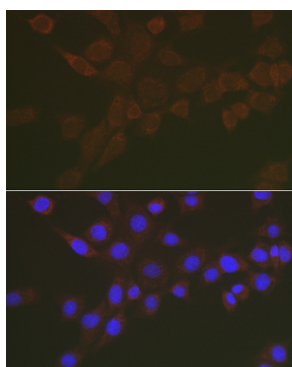
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of various lysates using NEU3 Rabbit pAb (A13842) at 1:3000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.



Immunofluorescence analysis of NIH/3T3 cells using NEU3 Rabbit pAb (A13842) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.