

For Research Use Only

CoraLite® Plus 488-conjugated NEU2 Recombinant antibody

Catalog Number: CL488-83934-2



Basic Information

Catalog Number: CL488-83934-2	GenBank Accession Number: BC107053	Purification Method: Protein A purification
Concentration: 1000 ug/ml	GeneID (NCBI): 4759	CloneNo.: 240685C12
Source: Rabbit	UNIPROT ID: Q9Y3R4	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG	Full Name: sialidase 2 (cytosolic sialidase)	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG17386	Calculated MW: 380 aa, 42 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : PC-12 cells,
Species Specificity: human, rat	

Background Information

NEU2, also named as Sialidase 2, neuraminidase 2, catalyzes the hydrolytic cleavage of the terminal sialic acid (N-acetylneuraminic acid, Neu5Ac) of a glycan moiety in the catabolism of glycolipids, glycoproteins and oligosaccharides. NEU2 is localized in the cytosol and plasma membrane and takes part in myoblast and neuronal differentiation. It is almost undetectable under normal physiological conditions, and was found to be involved into apoptotic events in pancreatic ductal adenocarcinoma, one of the most dangerous cancers due to poor diagnosis and prognosis. (PMID: 30439363)

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

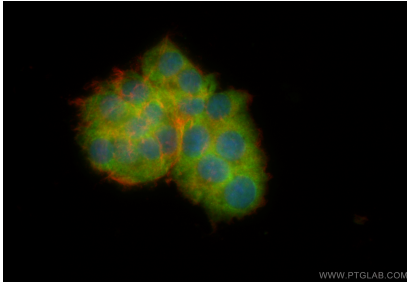
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed PC-12 cells using CoraLite® Plus 488 NEU2 antibody (CL488-83934-2, Clone: 240685C12) at dilution of 1:200, CL594-Phalloidin (red).