

For Research Use Only

CoraLite® Plus 488-conjugated IDS Recombinant monoclonal antibody

Catalog Number: CL488-84623-7



Basic Information

Catalog Number: CL488-84623-7	GenBank Accession Number: BC006170	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 3423	CloneNo.: 242054G12
Source: Rabbit	UNIPROT ID: P22304	Recommended Dilutions: IF/ICC: 1:500-1:2000
Isotype: IgG	Full Name: iduronate 2-sulfatase	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG31132	Calculated MW: 312aa,35 kDa; 550aa,62 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HeLa cells,
Species Specificity: human	

Background Information

Iduronate 2-sulfatase (IDS) is required for the lysosomal degradation of heparan sulfate and dermatan sulfate. Mutations causing IDS deficiency in humans result in the lysosomal storage of these glycosaminoglycans and Hunter syndrome, an X chromosome-linked disease. IDS is synthesized as two precursor forms of 76 and 90 kDa that are converted, through a 62 kDa intermediate, to mature polypeptides due to an internal proteolytic cleavage (PMID: 10838181).

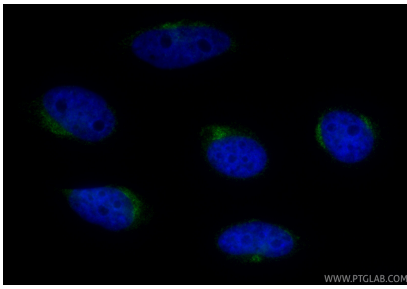
Storage

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:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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 HeLa cells using Coralite® Plus 488 IDS antibody (CL488-84623-7, Clone: 242054G12) at dilution of 1:1000.