

For Research Use Only

CoraLite® Plus 488-conjugated SEC5/EXOC2 Monoclonal antibody



Catalog Number: CL488-66011

Basic Information

Catalog Number: CL488-66011	GenBank Accession Number: BC016918	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 55770	CloneNo.: 1C11G2
Source: Mouse	UNIPROT ID: Q96KP1	Recommended Dilutions: IF 1:200-1:800
Isotype: IgG2b	Full Name: exocyst complex component 2	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG17866	Calculated MW: 924 aa, 104 kDa	
	Observed MW: 100 kDa	

Applications

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

Background Information

EXOC2 (exocyst complex component 2), also known as SEC5 and SEC5L1, is a component of the exocyst complex, and is required to mediate RalB-dependent survival signals in transformed cells. The exocyst complex, composed of eight evolutionarily conserved subunits (SEC3, SEC5, SEC6, SEC8, SEC10, SEC15, EXO70, and EXO84), is involved in tethering post-Golgi secretory vesicles to specific plasma membrane domains. The gene of EXOC2 maps to chromosome 6p25.3, and encodes a 924-amino acid protein with an experimentally determined molecular mass of 95-100 kDa. EXOC2 mRNA is widely expressed with highest levels in brain and placenta.

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, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

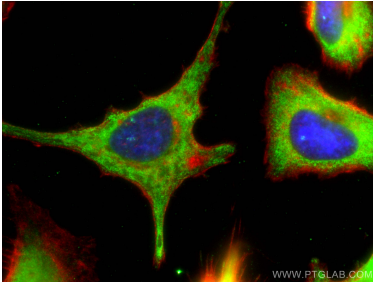
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CoraLite® Plus 488 SEC5/EXOC2 antibody (CL488-66011, Clone: 1C11G2) at dilution of 1:400, CL594-phalloidin (red).