

# CoraLite<sup>®</sup> Plus 488-conjugated EXOC3L2 Monoclonal antibody

Catalog Number: **CL488-66537**

## Basic Information

Catalog Number: <b>CL488-66537</b>	GenBank Accession Number: <b>BC104947</b>	Purification Method: <b>Protein G purification</b>
Size: <b>1000 µg/ml</b>	GeneID (NCBI): <b>90332</b>	CloneNo.: <b>3C1C2</b>
Source: <b>Mouse</b>	UNIPROT ID: <b>Q2M3D2</b>	Recommended Dilutions: <b>IF/ICC 1:50-1:500</b>
Isotype: <b>IgG1</b>	Full Name: <b>exocyst complex component 3-like 2</b>	Excitation/Emission maxima wavelengths: <b>493 nm / 522 nm</b>
Immunogen Catalog Number: <b>AG26912</b>	Calculated MW: <b>46 kDa</b>	
	Observed MW: <b>46 kDa</b>	

## Applications

Tested Applications: <b>IF/ICC</b>	Positive Controls: <b>IF/ICC : HUVEC cells,</b>
Species Specificity: <b>Human</b>	

## Background Information

The exocyst is a protein complex that ensures spatial targeting of exocytotic vesicles to the plasma membrane. Exocyst complex component 3-like 2 (EXOC3L2) associates with the exocyst complex and mediates directional migration of endothelial cells (PMID: 21566143). The gene of human EXOC3L2 maps to chromosome 19q13.32 and encodes a deduced 409-amino acid protein with a calculated molecular mass of about 46 kDa. Mouse Exoc3l2 gene encodes an approximately 250-amino acid protein that lacks the N-terminal domain of human EXOC3L2. Mutations in EXOC3L2 gene may be associated with Alzheimer's disease.

## 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:

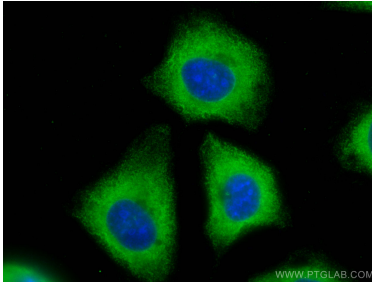
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**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

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## Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol)  
fixed HUVEC cells using CoraLite® Plus 488  
EXOC3L2 antibody (CL488-66537, Clone: 3C1C2 ) at  
dilution of 1:200.