

EXOC3L2 Monoclonal antibody

Catalog Number: 66537-1-Ig 1 Publications

Basic Information

Catalog Number: 66537-1-Ig	GenBank Accession Number: BC104947	Purification Method: Protein G purification
Size: 1500 µg/ml	GeneID (NCBI): 90332	CloneNo.: 3C1C2
Source: Mouse	UNIPROT ID: Q2M3D2	Recommended Dilutions: WB 1:1500-1:6000 IF/ICC 1:400-1:1600
Isotype: IgG1	Full Name: exocyst complex component 3-like 2	
Immunogen Catalog Number: AG26912	Calculated MW: 46 kDa	
	Observed MW: 46 kDa	

Applications

Tested Applications: IF/ICC, WB, ELISA	Positive Controls:
Cited Applications: WB	WB : HUVEC cells,
Species Specificity: Human	IF/ICC : HUVEC cells,
Cited Species: human	

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Adel Shalata	30327448	J Med Genet	WB

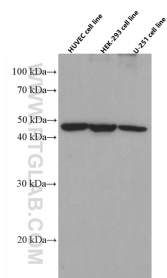
Storage

Storage:
Store at -20°C. Stable for one year after shipment.

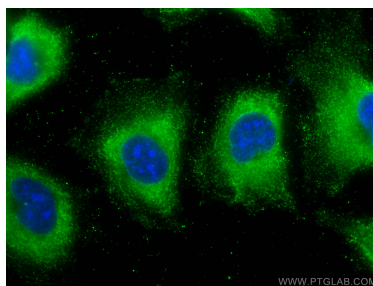
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



HUVEC, HEK-293 and U-251 cells were subjected to SDS PAGE followed by western blot with 66537-1-Ig (EXOC3L2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed HUVEC cells using EXOC3L2 antibody (66537-1-Ig, Clone: 3C1C2) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).