EXOC3L2
Monoclonal ANTIBODY
Catalog Number: 66537-1-Ig

Basic Information
Catalog Number: 66537-1-Ig
GenBank Accession Number: BC049417
GeneID (NCBI): 90332

Size:
150 μg/150 μl

Source:
Mouse

Isotype:
IgG1

Purification Method:
Protein G purification

Immunogen Catalog Number:
AG26912

Recommended Dilutions:
WB: 1:1500-1:6000

Applications
Tested Applications:
WB, ELISA

Cited Applications:
WB

Species Specificity:
Human

Cited Species:
human

Note: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

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
<table>
<thead>
<tr>
<th>Author</th>
<th>Pubmed ID</th>
<th>Journal</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adel Shalata</td>
<td>3007446</td>
<td>J Med Genet</td>
<td>WB</td>
</tr>
</tbody>
</table>

Storage
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
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 (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.
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.