

For Research Use Only

SEC24D Monoclonal antibody

Catalog Number: 67409-1-Ig



Basic Information

Catalog Number: 67409-1-Ig	GenBank Accession Number: BC035761	Purification Method: Protein A purification
Size: 150ul , Concentration: 1800 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 9871	CloneNo.: 3G5G9
Source: Mouse	Full Name: SEC24 family, member D (S. cerevisiae)	Recommended Dilutions: WB 1:2000-1:8000 IF 1:200-1:800
Isotype: IgG2a	Calculated MW: 1033 aa, 113 kDa	
Immunogen Catalog Number: AG4657	Observed MW: 113 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls:
Species Specificity: Human	WB : Jurkat cells, HepG2 cells, HeLa cells IF : HeLa cells,

Background Information

COP1-coated vesicles mediate anterograde transport from the ER to the Golgi apparatus. COP1 is composed of three parts: two coat protein complexes (Sec23/24 complex and Sec13/31 complex) and one small GTP-binding protein, Sar1 (PMID: 9568718). Sec24 subunit of the coat complex has been implicated in cargo recognition (PMID: 17316621). In mammal cells there are four Sec24 isoforms, termed Sec24A, Sec24B, Sec24C, and Sec24D (PMID: 10329445).

Storage

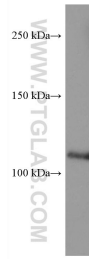
Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

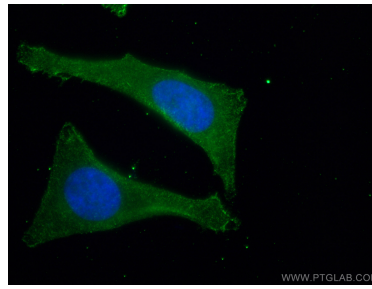
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 67409-1-Ig (SEC24D antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using SEC24D antibody (67409-1-Ig, Clone: 3G5G9) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).