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SEC22L1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant SEC22L1.
Catalog # AT3805a

Product Information

Application	WB, IF, E
Primary Accession	O75396
Other Accession	NM_004892
Reactivity	Human, Rat
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Lambda
Clone Names	10
Calculated MW	24741

Additional Information

Gene ID	9554
Other Names	Vesicle-trafficking protein SEC22b, ER-Golgi SNARE of 24 kDa, ERS-24, ERS24, SEC22 vesicle-trafficking protein homolog B, SEC22 vesicle-trafficking protein-like 1, SEC22B, SEC22L1
Target/Specificity	SEC22L1 (NP_004883, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	SEC22L1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

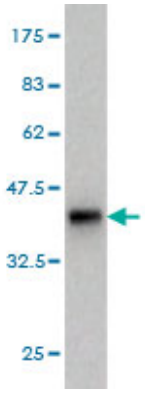
The protein encoded by this gene is a member of the SEC22 family of vesicle trafficking proteins. It seems to complex with SNARE and it is thought to play a role in the ER-Golgi protein trafficking. This protein has strong similarity to Mus musculus and Cricetulus griseus proteins.

References

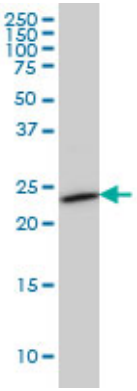
1.A VAMP7/Vti1a SNARE complex distinguishes a non-conventional traffic route to the cell surface used by KChIP1 and Kv4 potassium channels.Flowerdew SE, Burgoyne RD.Biochem J. 2009 Mar

15;418(3):529-40.2.Quantitative and temporal proteome analysis of butyrate-treated colorectal cancer cells.Tan HT, Tan S, Lin Q, Lim TK, Hew CL, Chung MC.Mol Cell Proteomics. 2008 Jun;7(6):1174-85. Epub 2008 Mar 14.

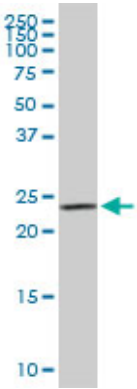
Images



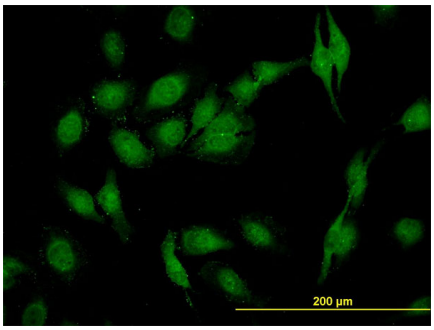
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.84 KDa) .



SEC22L1 monoclonal antibody (M01), clone 1E1 Western Blot analysis of SEC22L1 expression in HeLa ((Cat # AT3805a)

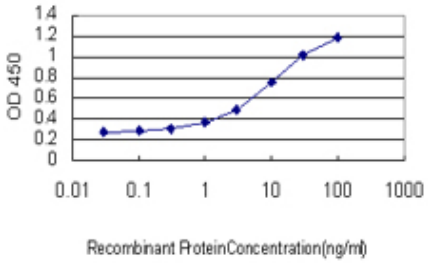


SEC22L1 monoclonal antibody (M01), clone 1E1. Western Blot analysis of SEC22L1 expression in PC-12 ((Cat # AT3805a)



Immunofluorescence of monoclonal antibody to SEC22L1 on HeLa cell. [antibody concentration 10 ug/ml]

Detection limit for recombinant GST tagged SEC22L1 is approximately 0.3ng/ml as a capture antibody.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.