PLEKHM1 Antibody FITC Conjugated

Catalog No: #C07198F

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	PLEKHM1 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human PLEKHM1
Conjugates	FITC
Target Name	PLEKHM1
Other Names	162 kDa adapter protein; AP162; PH domain-containing family M member 1; PKHM1_HUMAN; Pleckstrin homology domain-containing family M member 1; PLEKHM1.
Accession No.	NCBI Gene ID9842
Uniprot	Q9Y4G2
GeneID	9842;
Excitation Emission	494nm 518nm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200

Background

Involved in vesicular transport in the osteoclast (By similarity). May have a role in sialyl-lex-mediated transduction of apoptotic signals.Tissue specificity: Expressed in placenta, liver, prostate, thymus, spleen, ovary, colon, colon carcinoma and peripheral blood lymphocytes (PBL). Weakly expressed in brain, lung, kidney, and testis. No expression in heart, skeletal muscle, pancreas and small intestine. Predominantly expressed in the breast carcinoma cell line MCF-7.Involvement in disease:Defects in PLEKHM1 are the cause of osteopetrosis autosomal recessive type 6 (OPTB6); also known as autosomal recessive osteopetrosis intermediate form. Osteopetrosis is a rare genetic disease characterized by abnormally dense bone, due to defective resorption of immature bone. The disorder occurs in two forms: a severe autosomal recessive form occurring in utero, infancy, or childhood, and a benign autosomal dominant form occurring in adolescence or adulthood. Autosomal recessive osteopetrosis is usually associated with normal or elevated amount of non-functional osteoclasts.

Note: This product is for in vitro research use only