CLEC 4E Antibody FITC Conjugated

Catalog No: #C07548F

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

Description

Product Name	CLEC 4E Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	Flow-Cyt IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human CLECSF9 CLEC4E
Conjugates	FITC
Target Name	CLEC 4E
Other Names	C type lectin domain family 4 member E; C type lectin superfamily member 9; C-type calcium dependent carbohydrate recognition domain lectin superfamily member 9; C-type lectin domain family 4 member E; C-type lectin superfamily member 9; CLC4E_HUMAN; CLEC 4E; CLEC4E Clec4e; CLECSF9; Macrophage induc
Accession No.	NCBI Gene ID26253
Uniprot	Q9ULY5
GeneID	26253;
Excitation Emission	494nm 518nm
Cell Localization	Extracellular
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

Flow-Cyt=1:50-200 IF=1:50-200

Background

C-type lectin that functions as cell-surface receptor for a wide variety of ligands such as damaged cells, fungi and mycobacteria. Plays a role in the recognition of pathogenic fungi, such as Candida albicans. The detection of mycobacteria is via trehalose 6,6'-dimycolate (TDM), a cell wall glycolipid. Specifically recognizes alpha-mannose residues on pathogenic fungi of the genus Malassezia. Recognizes also SAP130, a nuclear protein, that is released by dead or dying cells. Transduces signals through an ITAM-containing adapter protein, Fc receptor gamma chain FCER1G. Induces secretion of inflammatory cytokines through a pathway that depends on SYK, CARD9 and NF-kappa-B.

Note: This product is for in vitro research use only