

ITGAM antibody

Catalog No: #38258

Package Size: #38258-1 50ul #38258-2 100ul

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

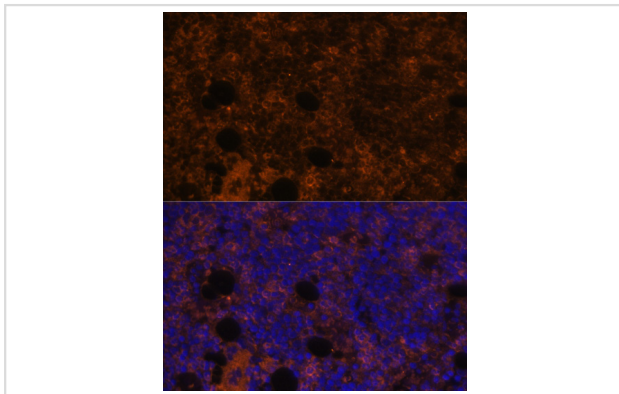
Description

Product Name	ITGAM antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total ITGAM protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human ITGAM.
Target Name	ITGAM
Other Names	CR3A; MO1A; CD11B; MAC-1; MAC1A; SLEB6;
Accession No.	Swiss-Prot#: P11215NCBI Gene ID: 3684
Uniprot	P11215
GeneID	3684;
SDS-PAGE MW	127kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

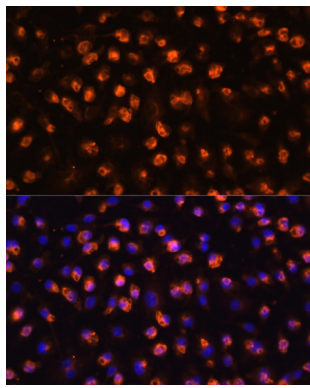
Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:200 IF □ 1:50 - 1:200

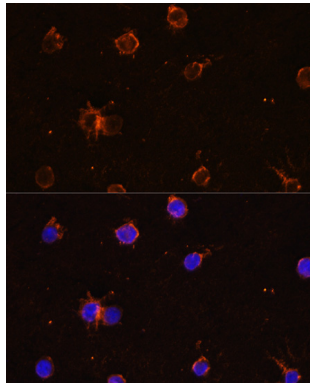
Images



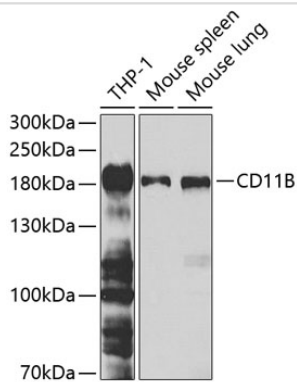
Immunofluorescence analysis of rat bone marrow using CD11B at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of RAW264.7 cells using CD11B at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of THP-1 cells using CD11B at dilution of 1:100. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using CD11B at 1:1000 dilution.

Background

ITGAM, also named as CD11B and CR3A, belongs to the integrin alpha chain family. It is implicated in various adhesive interactions of monocytes, macrophages and granulocytes as well as in mediating the uptake of complement-coated particles. ITGAM is identical with CR-3, the receptor for the iC3b fragment of the third complement component. It probably recognizes the R-G-D peptide in C3b. It is also a receptor for fibrinogen, factor X and ICAM1. ITGAM recognizes P1 and P2 peptides of fibrinogen gamma chain.

Note: This product is for in vitro research use only