CD11a Rabbit mAb

Catalog No: #48920

Package Size: #48920-1 50ul #48920-2 100ul

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

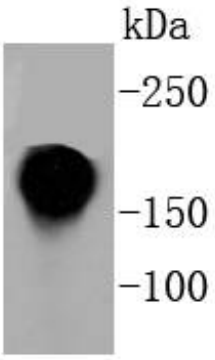
Description

Product Name	CD11a Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	SR4524
Purification	ProA affinity purified
Applications	WB, ICC/IF, IHC, IP, FC
Species Reactivity	Hu
Immunogen Description	recombinant protein
Conjugates	Unconjugated
Other Names	Lymphocyte function associated antigen, type 1, alpha subunit antibody Antigen CD11A (p180), lymphocyte function associated antigen 1, alpha polypeptide antibody Antigen CD11A antibody CD 11a antibody CD11 antigen-like family member A antibody CD11a antibody CD11a antigen antibody Integrin Alpha L antibody Integrin alpha-L antibody Integrin gene promoter antibody Integrin, alpha L (antigen CD11A (p180), lymphocyte function associated antigen 1; alpha polypeptide) antibody ITAL_HUMAN antibody Itgal antibody ITGAL protein antibody Leukocyte adhesion glycoprotein LFA 1 alpha chain antibody Leukocyte adhesion glycoprotein LFA-1 alpha chain antibody Leukocyte Adhesion Glycoprotein LFA1 Alpha Chain antibody Leukocyte function associated molecule 1 alpha chain antibody Leukocyte function-associated molecule 1 alpha chain antibody LFA 1 alpha (LFA1A) antibody LFA 1 alpha antibody LFA 1 antibody LFA 1A antibody LFA-1A antibody LFA1A antibody Ly15 antibody Ly21 antibody Lymphocyte function associated antigen 1 antibody Lymphocyte Function Associated Antigen Type 1 alpha antibody lymphocyte function-associated antigen 1, alpha polypeptide antibody p180 antibody
Accession No.	Swiss-Prot#:P20701
Calculated MW	180 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

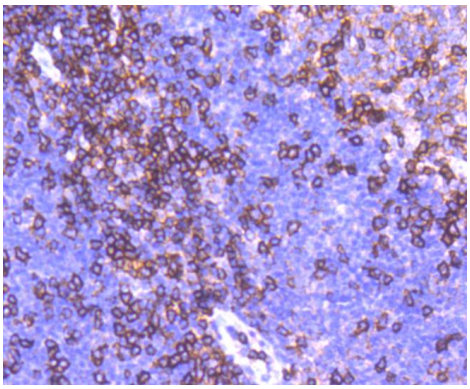
Application Details

WB: 1:1,000-5,000IHC: 1:50-1:200 ICC: 1:50-1:200FC: 1:50-1:100

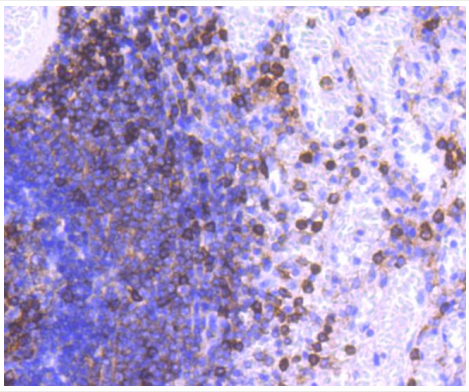
Images



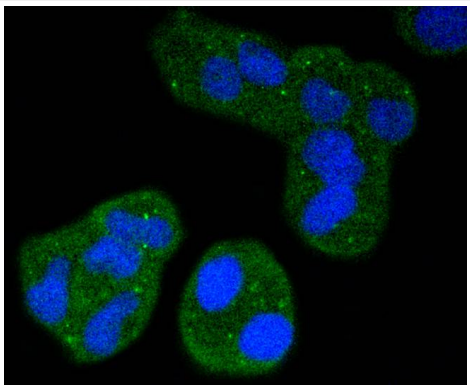
Western blot analysis of CD11a on Jurkat cell lysates using anti-CD11a antibody at 1/1,000 dilution.



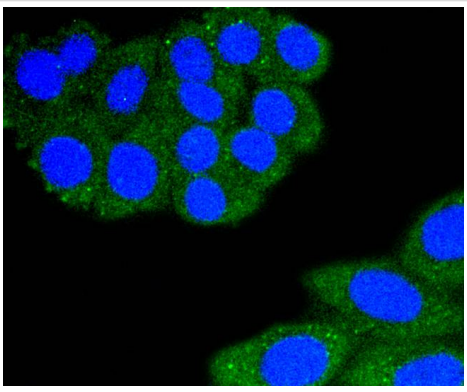
Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-CD11a antibody. Counter stained with hematoxylin.



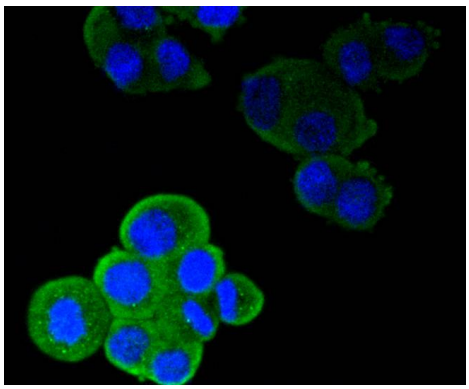
Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-CD11a antibody. Counter stained with hematoxylin.



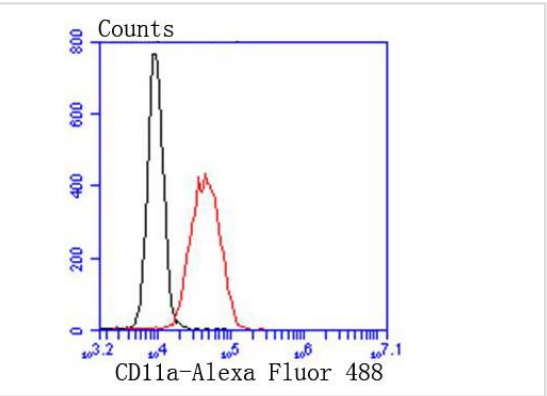
ICC staining CD11a in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining CD11a in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining CD11a in SW480 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Flow cytometric analysis of K562 cells with CD11a antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.

Background

Integrins are heterodimers composed of noncovalently associated transmembrane a and b subunits. The 16 a and 8 b subunits heterodimerize to produce more than 20 different receptors. Most integrin receptors bind ligands that are components of the extracellular matrix, including Fibronectin, Collagen and Vitronectin. Certain integrins can also bind to soluble ligands such as Fibrinogen, or to counterreceptors on adjacent cells such as the intracellular adhesion molecules (ICAMs), leading to aggregation of cells. Ligands serve to cross-link or cluster integrins by binding to adjacent integrin receptors; both receptor clustering and ligand occupancy are necessary for the activation of integrin-mediated responses. In addition to mediating cell adhesion and cytoskeletal organization, integrins function as signaling receptors. Signals transduced by integrins play a role in many biological processes, including cell growth, differentiation, migration and apoptosis.

References

Note: This product is for in vitro research use only and is not intended for use in humans or animals.