

Mouse anti-Human CD11a Monoclonal Antibody | anti-CD11a antibody

Anti-CD11a [MHM24], Mouse IgG1, Kappa

CATALOG # AAA72060	HOST Mouse	REACTIVITY Human	APPLICATIONS Inhibition Studies, Crystallography
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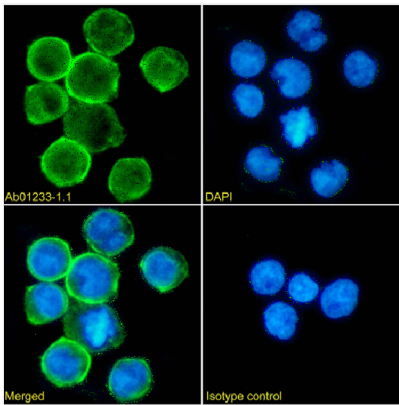
PRODUCT SYNONYMS

CD11a; Monoclonal Antibody; Anti-CD11a [MHM24]; Mouse IgG1; Kappa; Integrin alpha-L; CD11 antigen-like family member A; leukocyte function-associated molecule 1 alpha chain; human lymphocyte function antigen; anti-CD11a antibody

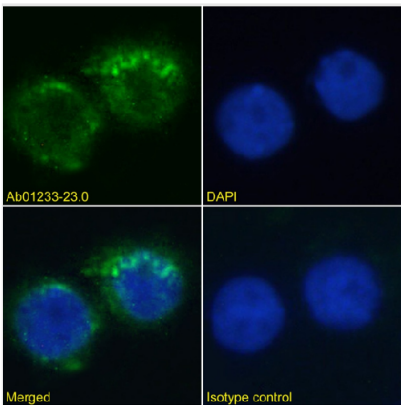
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1, Kappa
Clone Number	MHM24
Specificity	MHM24 binds to the CD11a subunit of lymphocyte function-associated antigen. It binds to both the high- and low-affinity forms of the antigen.
Purity/Purification	Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CD11a antibody	Inhibition Studies, Crystallography
Antibody Type	Recombinant Antibody
Immunogen	Spleen cells from BALB/c mice immunised with EBV-transformed human lymphoblastoid cells were fused with P3-NSUIAg4.1 myeloma cells and the resulting hybridomas were screened for antibody production by a radioimmunoassay on T and B cell lines.
Chimeric Use Statement	This reformatted mouse antibody was made using the variable domain sequences of the original Mouse IgG format, for improved compatibility with existing reagents, assays and techniques.
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of Jurkat cells using anti-CD11a MHM24 Immunofluorescence analysis of paraformaldehyde fixed Jurkat cells stained with the chimeric mouse IgG version of MHM24 at 10ug/ml followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom, DAPI, merged channels and an isotype control. The isotype control was stained with anti-unknown antibody followed by Alexa Fluor 488 secondary antibody.



IF (Immunofluorescence)
Immunofluorescence staining of Jurkat cells using anti-CD11a antibody MHM24 Immunofluorescence analysis of paraformaldehyde fixed Jurkat cells immobilized on Shi-fix cover-slips and stained with the chimeric rabbit IgG version of MHM24 at 10ug/ml followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing diffuse membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom, DAPI, merged channels and an isotype control. The isotype control was stained with anti-Fluorescein antibody followed by Alexa Fluor 488 secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CD11a antibody	Describes the original generation of the antibody and its characterisation through inhibition studies. Recombinant monoclonal antibody to CD11a. Manufactured using our Recombinant Platform with variable regions (i.e. specificity) from the hybridoma MHM24.
Product Categories/Family for anti-CD11a antibody	Lympholysis
References	Hildreth et al, 1983.; Eur J Immunol. 1983 Mar;13(3):202-8. OriginPubPMID: 8943405

NCBI AND UNIPROT INFORMATION

NCBI GI #	88911345
NCBI GeneID	3683
UniProt Accession #	P20701; O43746; Q45H73; Q96HB1; Q9UBC8
NCBI Official Full Name	Integrin alpha-L
NCBI Official Synonym Full Names	integrin, alpha L (antigen CD11A (p180), lymphocyte function-associated antigen 1; alpha polypeptide)
NCBI Official Symbol	ITGAL
NCBI Official Synonym Symbols	CD11A; LFA-1; LFA1A
NCBI Protein Information	integrin alpha-L; LFA-1A; LFA-1 alpha; integrin gene promoter; CD11 antigen-like family member A; lymphocyte function-associated antigen 1; leukocyte adhesion glycoprotein LFA-1 alpha chain; leukocyte function-associated molecule 1 alpha chain; antigen CD
UniProt Protein Name	Integrin alpha-L
UniProt Gene Name	ITGAL
UniProt Synonym Gene Names	CD11A; LFA-1A
UniProt Entry Name	ITAL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

