

Mouse anti-Rat CD18 Monoclonal Antibody | anti-CD18 antibody

Anti-Rat CD18 Biotin (Clone WT.3) (mouse IgG1)

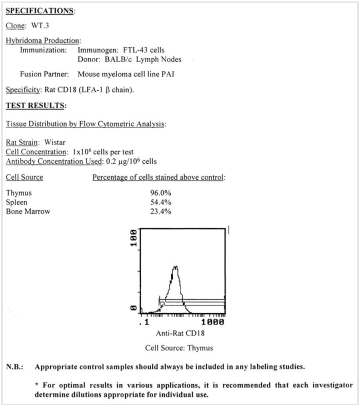
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA74211	Mouse	Rat	Flow Cytometry, Functional Assay, Immunohistochemistry

PRODUCT SYNONYMS

CD18; Monoclonal Antibody; Anti-Rat CD18 Biotin (Clone WT.3) (mouse IgG1); CD18 Biotin (Clone WT.3) (mouse IgG1); Anti-Rat CD18 Monoclonal Antibody; anti-CD18 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Rat
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Number	WT.3
Specificity	CD18 (α2 Integrin) (Rat CD11a (LFA-1 alpha chain))
Form/Format	Biotin
Concentration	0.1 mg/ml (varies by lot)
Sequence Length	772
Applicable Applications for anti-CD18 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Immunogen	Rat Splenic PHA blasts
Donor	BALB/c spleen
Fusion Partner	Mouse myeloma cell line PAI
Presentation	Biotin/FITC/PE conjugated IgG buffered in PBS, 0.02% NaN3 and EIA grade BSA as a stabilizing protein to bring total protein concentration to 4-5 mg/ml.
Preparation and Storage	Store at 4 degree C. Do Not Freeze PE Conjugates. For long term storage aliquot and freeze unused portion at -20 degree C in volumes appropriate for single usage. Avoid repeated freeze/thaw cycles.



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-CD18 antibody	LFA-1 (lymphocyte function associated molecule-1) is one of the leukocyte integrins. It is a heterodimer consisting of alpha and beta subunits of 160-170 kDa and 95-100 kDa respectively. LFA-1 promotes non-antigen dependent adhesion of T-cells to a variety of lymphoid cells that bear its complementary receptor I-CAM-1 (1). It has a broad distribution and is found on most common lymphocytes. is specific for the α subunit of LFA-1. It inhibits homeotypic aggregation of PHA blasts and blocks the binding of rat lymphocytes to purified rat ICAM-1 (1). Applications include immunoprecipitation, flow cytometric analysis and immunohistochemistry.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	318066049
NCBI GeneID	100304487
NCBI Accession #	NP_001187010.1
NCBI GenBank Nucleotide #	NM_001200081.1
NCBI Official Full Name	CD18
NCBI Official Symbol	LOC100304487
NCBI Protein Information	CD18

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.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/cd18-antibody-clone-wt-3-flow-cytometry-immunohistochemistry-elisa/74211>