

Monoclonal Antibody to CD11a / ITGAL (+ CD18) - Purified

Alternate names:	CD11 antigen-like family member A, CD11a, CD18, Integrin alpha-L, LFA-1, LFA1, Leukocyte adhesion glycoprotein LFA-1 alpha chain, Leukocyte function-associated molecule 1 alpha chain
Catalog No.:	SM412P
Quantity:	0.25 mg
Concentration:	1.0 mg/ml
Background:	The antigen is expressed by most leucocytes, although expression on peripheral blood lymphocytes is weak.
Host / Isotype:	Rat / IgG2c
Clone:	YKIX490.6.4
Immunogen:	Canine thymocytes. Spleen cells from DA rats were fused with cells of the rat Y3/Ag1.2.3 myeloma cell line.
Format:	State: Liquid purified IgG Purification: Affinity chromatography on Protein G Buffer System: PBS containing 0.09% Sodium Azide
Applications:	Immunoprecipitation. Flow Cytometry: 1/50 - 1/100; Use 10µl of the suggested working dilution to label 10e6 cells in 100µl. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody has been assigned to the CD11/18 group, recognising a leukocyte cell adhesion molecule (LeuCAM) composed of the 180kDa CD11a chain complexed with the 95kDa common beta chain CD18cell. The antibody blocks T cell proliferation, CTL and ADCC killing, and homotypic adhesion. Species: Canine (Dog). Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Cobbold S, Metcalfe S. Monoclonal antibodies that define canine homologues of human CD antigens: summary of the First International Canine Leukocyte Antigen Workshop (CLAW). Tissue Antigens. 1994 Mar;43(3):137-54. PubMed PMID: 8091414.