

## Monoclonal Antibody to CD11a / ITGAL (+ CD18) - FITC

<b>Alternate names:</b>	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
<b>Catalog No.:</b>	SM412F
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	0.1 mg/ml
<b>Background:</b>	The antigen is expressed by most leucocytes, although expression on peripheral blood lymphocytes is weak.
<b>Host / Isotype:</b>	Rat / IgG2c
<b>Clone:</b>	YKIX490.6.4
<b>Immunogen:</b>	Canine thymocytes. Spleen cells from immunised DA rat were fused with cells of the Y3/A1.2.3 rat myeloma cell line.
<b>Format:</b>	<b>State:</b> Liquid purified IgG <b>Purification:</b> Affinity chromatography on Protein G <b>Buffer System:</b> PBS, pH 7.4 containing 0.09% Sodium Azide and 1% Bovine Serum Albumin <b>Label:</b> FITC – Fluorescein Isothiocyanate Isomer 1
<b>Applications:</b>	<b>Flow Cytometry:</b> Neat - 1/5; 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.
<b>Specificity:</b>	This antibody has been assigned to the CD11/18 group, recognising a cell surface antigen of 90/180kD. Clone YKIX 490.6.4 is reported to block T-cell proliferation, CTL and ADCC killing and homotypic adhesion. <b>Species:</b> Dog. Other species not tested.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. This product is photosensitive and should be protected from light. Shelf life: one year from despatch.
<b>General Readings:</b>	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.