

Product datasheet for **SM013PT**

CD11a / ITGAL Rat Monoclonal Antibody [Clone ID: I21/7]

Product data:

Product Type:	Primary Antibodies
Clone Name:	I21/7
Applications:	FC, IP
Recommended Dilution:	Flow Cytometry. Immunoprecipitation.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Whole BW5147 cells.
Specificity:	This antibody recognises CD11a. (Clone I21/7 is reported to block the cytolytic activity of cytotoxic T cell lines). We recommend the use of SM013LE for this purpose.
Formulation:	PBS, pH 7.4 containing 0.09% Sodium Azide as preservative. State: Purified State: Liquid purified IgG fraction.
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G.
Conjugation:	Unconjugated
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.
Stability:	Shelf life: one year from despatch.
Database Link:	P24063
Background:	CD11a is a 170 - 180kD type I membrane glycoprotein, which is also known as the integrin alphaL subunit. CD11a is a member of the intergrin family of adhesion molecules. The CD11a molecule is expressed on all leucocytes and associates with CD18 to form a heterodimer at the cell surface. The CD11a/CD18 heterodimer binds to intercellular adhesion molecules (ICAM); ICAM-1, ICAM-2 and ICAM-3 and is involved in cell-cell adhesion processes.



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Synonyms: Integrin alpha-L, LFA1, LFA-1