

Monoclonal Antibody to CD122 / IL2RB - FITC

Alternate names:	IL-2 receptor subunit beta, IL2 Receptor beta, Interleukin-2 receptor subunit beta, P70-75
Catalog No.:	SM1900F
Quantity:	0.1 mg
Concentration:	0.1 mg/ml
Background:	In peripheral lymphoid tissues of adult rats, CD122 is primarily expressed by NK cells and a subset of T lymphocytes.
Uniprot ID:	P26896
NCBI:	NP_037327.1
GeneID:	25746
Host / Isotype:	Mouse / IgG1
Clone:	L316
Immunogen:	Rat CRNK cells and rat IL-2R beta cDNA-transfected mouse L929 cell line.
Format:	State: Liquid purified IgG Purification: Affinity chromatography on Protein G Buffer System: PBS, pH7.4 containing 0.09% Sodium Azide and 1% Bovine Serum Albumin Label: FITC – Fluorescein Isothiocyanate Isomer 1
Applications:	Flow cytometry: An incubation time of 4 hours is recommended for optimum staining. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	The interleukin-2 receptor (IL-2R) is composed of three subunits, namely alpha, beta and gamma. This antibody recognises CD122 the 80kD Beta subunit of IL-2R, which is shared by the IL-15 receptor. Species: Rat. 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. This product is photosensitive and should be protected from light. Shelf life: one year from despatch.
General References:	1. Park, J. H. et al. (1996) Identification and cellular distribution of the rat interleukin-2 receptor beta chain: induction of the IL-2R alpha- beta+ phenotype by major histocompatibility complex class 1 recognition during T cell development <i>in vivo</i> and by T cell receptor stimulation of CD4+ 8+ immature thymocytes <i>in vitro</i> . Eur. J. Immunol. 26: 2371 - 2375.

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com