



Anti-IL2RB monoclonal antibody, clone MIK-beta 1 [FITC] (CABT-48341MH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This product recognises the human CD122 cell surface glycoprotein, a 70-75kD molecule also known as the IL-2 receptor Beta-chain. CD122 is expressed by a subset of lymphocytes and NK cells, and is an important component of both the IL-2 and IL-15 receptor complexes. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells or 100ul of whole blood.
Specificity	IL2RB
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	MIK-beta 1
Conjugate	FITC
Applications	FC
Format	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
Size	1 ml
Preservative	0.1% Sodium Azide
Storage	in frost free freezers is not recommended. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	IL2RB interleukin 2 receptor, beta [Homo sapiens (human)]
Official Symbol	IL2RB
Synonyms	IL2RB; interleukin 2 receptor, beta; CD122; IL15RB; P70-75; interleukin-2 receptor subunit beta; p75; IL-2RB; CD122 antigen; IL-2R subunit beta; IL-2 receptor subunit beta; interleukin 15 receptor, beta; high affinity IL-2 receptor beta subunit; high affi
Entrez Gene ID	3560
Protein Refseq	NP_000869
UniProt ID	P14784
Chromosome Location	22q13.1
Pathway	Cytokine Signaling in Immune system; Cytokine-cytokine receptor interaction; Downstream signaling in naive CD8+ T cells; Endocytosis; G beta:gamma signalling through PI3Kgamma; G-protein beta:gamma signalling; GPCR downstream signaling; GPVI-mediated activation cascade;
Function	interleukin-2 binding; interleukin-2 receptor activity; contributes_to interleukin-2 receptor activity;