ARG22333
anti-IL2 Receptor beta antibody [5H4] (FITC)

Package: 100 µg
Store at: 4°C

Summary

Product Description	FITC-conjugated Rat Monoclonal antibody [5H4] recognizes IL2 Receptor beta
Tested Reactivity	Ms
Tested Application	FACS
Specificity	Mouse CD122
Host	Rat
Clonality	Monoclonal
Clone	5H4
Isotype	IgG2a, kappa
Target Name	IL2 Receptor beta
Species	Mouse
Immunogen	Rat myeloma YB2/0 transfected with truncated IL-2Rβ cDNA (YB2/0-mβt-28)
Conjugation	FITC
Alternate Names	P70-75; IL-2RB; IL-2 receptor subunit beta; p75; Interleukin-2 receptor subunit beta; CD122; CD antigen CD122; High affinity IL-2 receptor subunit beta; IL-2R subunit beta; p70-75; IL15RB

Application Instructions

Application table

Application	Dilution
FACS	< 1 ug/10^6 cells

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

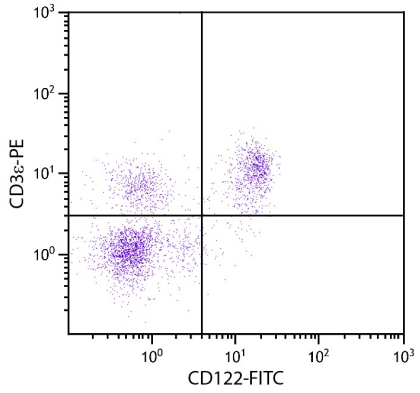
Properties

Form	Liquid
Buffer	PBS and 0.1% Sodium azide.
Preservative	0.1% Sodium azide
Concentration	0.5 mg/ml
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 16185 Mouse
	Swiss-port # P16297 Mouse
Gene Symbol	IL2RB
Gene Full Name	interleukin 2 receptor, beta chain
Background	The interleukin 2 receptor, which is involved in T cell-mediated immune responses, is present in 3 forms with respect to ability to bind interleukin 2. The low affinity form is a monomer of the alpha subunit and is not involved in signal transduction. The intermediate affinity form consists of an alpha/beta subunit heterodimer, while the high affinity form consists of an alpha/beta/gamma subunit heterotrimer. Both the intermediate and high affinity forms of the receptor are involved in receptor-mediated endocytosis and transduction of mitogenic signals from interleukin 2. The protein encoded by this gene represents the beta subunit and is a type I membrane protein. [provided by RefSeq, Jul 2008]
Function	Receptor for interleukin-2. This beta subunit is involved in receptor mediated endocytosis and transduces the mitogenic signals of IL2. [UniProt]
Calculated Mw	61 kDa

Images



ARG22333 anti-IL2 Receptor beta antibody [5H4] (FITC) FACS image

Flow Cytometry: BALB/c Mouse splenocytes stained with ARG22333 anti-IL2 Receptor beta antibody [5H4] (FITC) and ARG20819 anti-CD3e antibody [C363.29B] (PE).