

Product datasheet

Anti-IL2 Receptor beta antibody [L316] (Phycoerythrin) ab33958

1 References

Overview

Product name	Anti-IL2 Receptor beta antibody [L316] (Phycoerythrin)
Description	Mouse monoclonal [L316] to IL2 Receptor beta (Phycoerythrin)
Host species	Mouse
Conjugation	Phycoerythrin. Ex: 488nm, Em: 575nm
Specificity	ab33958 recognises CD122 the 80kD Beta subunit of IL2R, which is shared by the IL15 receptor.
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Rat
Immunogen	Rat CRNK cells and rat IL2 Receptor beta cDNA-transfected mouse L929 cell line.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	Preservative: 0.09% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
Purity	Protein G purified
Clonality	Monoclonal
Clone number	L316
Isotype	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab33958** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		

Application notes

Flow Cyt: Use 10ul to label 10^6 cells in 100ul.

Note: An incubation time of 4 hours is recommended for optimum staining

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

Function

Receptor for interleukin-2. This beta subunit is involved in receptor mediated endocytosis and transduces the mitogenic signals of IL2.

Sequence similarities

Belongs to the type I cytokine receptor family. Type 4 subfamily.
Contains 1 fibronectin type-III domain.

Domain

The WSXWS motif appears to be necessary for proper protein folding and thereby efficient intracellular transport and cell-surface receptor binding.
The box 1 motif is required for JAK interaction and/or activation.

Cellular localization

Membrane.

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