

## Product datasheet

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

### 1 References

#### Overview

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

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	Preservative: 0.09% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	L316
<b>Isotype</b>	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<sup>6</sup> 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

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<b>Function</b>	Receptor for interleukin-2. This beta subunit is involved in receptor mediated endocytosis and transduces the mitogenic signals of IL2.
<b>Sequence similarities</b>	Belongs to the type I cytokine receptor family. Type 4 subfamily. Contains 1 fibronectin type-III domain.
<b>Domain</b>	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.
<b>Cellular localization</b>	Membrane.

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