

Product datasheet

Anti-IL2 Receptor beta antibody [5H4] (Phycoerythrin) ab95585

1 Image

Overview

Product name	Anti-IL2 Receptor beta antibody [5H4] (Phycoerythrin)
Description	Rat monoclonal [5H4] to IL2 Receptor beta (Phycoerythrin)
Host species	Rat
Conjugation	Phycoerythrin. Ex: 488nm, Em: 575nm
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Mouse
Immunogen	Rat myeloma cells transfected with a truncated mouse IL2 Receptor beta cDNA
Positive control	BALB/c splenocytes
General notes	Binding of IL2 to IL2 receptor beta is not inhibited by the ab95585.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	Preservative: 0.09% Sodium Azide Constituents: PBS, 150mM Sodium chloride, pH 7.2
Purity	Protein G purified
Primary antibody notes	Binding of IL2 to IL2 receptor beta is not inhibited by the ab95585.
Clonality	Monoclonal
Clone number	5H4
Isotype	IgG2a
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab95585** in the following tested applications.

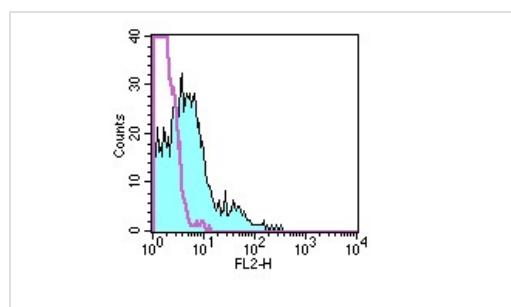
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use 0.125µg for 10 ⁵⁻⁸ cells.

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.

Images



Staining of BALB/c splenocytes with staining buffer (autofluorescence) (open histogram) or 0.125 µg of ab95585 (filled histogram). Total viable cells were used for analysis.

Flow Cytometry - Anti-IL2 Receptor beta antibody [5H4] (Phycoerythrin) (ab95585)

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