

## Product datasheet

# Anti-IL10RA antibody [1B1.3α] ab33738

### Overview

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<b>Product name</b>	Anti-IL10RA antibody [1B1.3a]
<b>Description</b>	Rat monoclonal [1B1.3a] to IL10RA
<b>Host species</b>	Rat
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse <b>Does not react with:</b> Human
<b>Immunogen</b>	Purified recombinant extracellular region of mouse IL10RA.
<b>Epitope</b>	The epitope recognised by this antibody has been localised to the ligand binding domain within the extracellular region of mouse CD210 (IL10RA).
<b>General notes</b>	This clone is reported to neutralize the effects of IL10.

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
<b>Storage buffer</b>	Preservative: 0.09% Sodium Azide Constituents: PBS, pH 7.4
<b>Purity</b>	Protein G purified
<b>Primary antibody notes</b>	This clone is reported to neutralize the effects of IL10.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	1B1.3a
<b>Myeloma</b>	Sp2/0
<b>Isotype</b>	IgG1

### Applications

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Our [Abpromise guarantee](#) covers the use of **ab33738** 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
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Flow Cyt

1/10 - 1/100.

Use 10µl of the suggested working dilution to label 106 cells in 100µl.

[ab18407](#) - Rat monoclonal IgG1, is suitable for use as an isotype control with this antibody.

## Target

### Function

Receptor for IL10; binds IL10 with a high affinity.

### Tissue specificity

Spleen, thymus, and PBMC. Weak expression in pancreas, skeletal muscle, brain, heart, and kidney. Placenta, lung, and liver showed intermediate levels. Monocytes, B-cells, large granular lymphocytes, and T-cells express high levels.

### Involvement in disease

Inflammatory bowel disease 28

### Sequence similarities

Belongs to the type II cytokine receptor family.

### Cellular localization

Membrane.

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