

Datasheet for ABIN1177308

## anti-IL-10RA antibody



[Go to Product page](#)

1 Image 2 Publications

### Overview

Quantity:	0.5 mg
Target:	IL-10RA (IL10RA)
Reactivity:	Human
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This IL-10RA antibody is un-conjugated
Application:	Flow Cytometry (FACS)

### Product Details

Brand:	BD Pharmingen™
Clone:	3F9
Isotype:	IgG2a kappa
Purification:	The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.
Sterility:	0.2 µm filtered
Endotoxin Level:	Endotoxin level is $\leq 0.01$ EU/µg ( $\leq 0.001$ ng/µg) of protein as determined by the LAL assay.

### Target Details

Target:	IL-10RA (IL10RA)
Alternative Name:	CD210 ( <a href="#">IL10RA Products</a> )

## Target Details

Background:	<p>Reacts with 90-110 kDa protein expressed on T cells, B cells, NK cells, and monocyte/macrophages. It belongs to the class II cytokine receptor family which includes IFNgammaR (CDw119), IFNalpha/betaR (CD118) and tissue factor (CD142). IL-10R has been found to play a role in signal transduction by activating specific STAT proteins (STAT3 and STAT1) and inducing gene transcription. Other reports indicate that IL-10 protein binding to NK cells appears to be stimulatory, in contrast to its binding to T cells and monocytes/macrophages. Clone 3F9 is specific for human IL-10R and its binding to the receptor can be blocked by recombinant human IL-10 (rhIL-10).</p> <p>Synonyms: IL-10 receptor</p>
-------------	---

Pathways:	<a href="#">Growth Factor Binding</a>
-----------	---------------------------------------

## Application Details

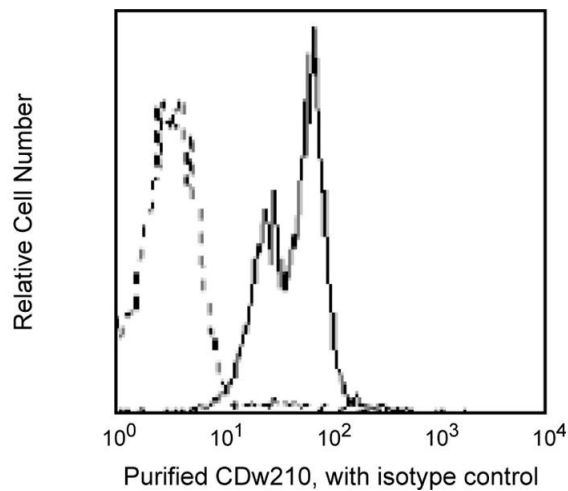
Restrictions:	For Research Use only
---------------	-----------------------

## Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	No azide/low endotoxin: Aqueous buffered solution containing no preservative, 0.2µm sterile filtered.
Preservative:	Azide free
Storage:	4 °C
Storage Comment:	Store undiluted at 4°C. This preparation contains no preservatives, thus it should be handled under aseptic conditions.

## Publications

Product cited in:	<p>Liu, de Waal Malefyt, Briere, Parham, Bridon, Banchereau, Moore, Xu: "The EBV IL-10 homologue is a selective agonist with impaired binding to the IL-10 receptor." in: <b>Journal of immunology (Baltimore, Md. : 1950)</b>, Vol. 158, Issue 2, pp. 604-13, (1997) (<a href="#">PubMed</a>).</p> <p>Carson, Lindemann, Baiocchi, Linett, Tan, Chou, Narula, Caligiuri: "The functional characterization of interleukin-10 receptor expression on human natural killer cells." in: <b>Blood</b>, Vol. 85, Issue 12, pp. 3577-85, (1995) (<a href="#">PubMed</a>).</p>
-------------------	---



Flow Cytometry

Image 1.