

Anti-IL-10RB Reference Antibody (Synthekine patent anti-IL-10RB)

Catalog # APR11436

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q08334
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1-CS
Calculated MW	36995

Additional Information

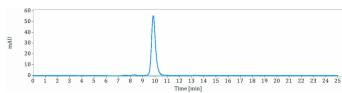
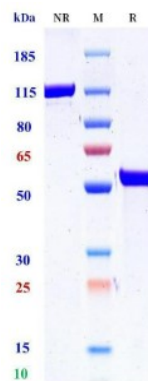
Target/Specificity	IL-10RB
Expression system	CHO

Protein Information

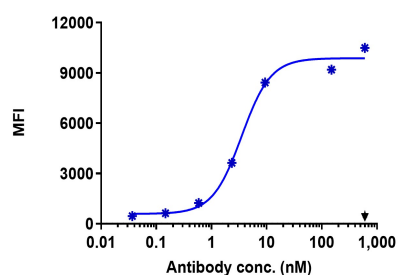
Name	IL10RB
Synonyms	CRFB4, D21S58, D21S66
Function	Shared cell surface receptor required for the activation of five class 2 cytokines: IL10, IL22, IL26, IL28, and IFNL1. The IFNLR1/IL10RB dimer is a receptor for the cytokine ligands IFNL2 and IFNL3 and mediates their antiviral activity. The ligand/receptor complex stimulate the activation of the JAK/STAT signaling pathway leading to the expression of IFN-stimulated genes (ISG), which contribute to the antiviral state.
Cellular Location	Membrane; Single-pass type I membrane protein.

Images

Anti-IL-10RB Reference Antibody (Synthekine patent anti-IL-10RB) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-IL-10RB Reference Antibody (Synthekine patent anti-IL-10RB) is 98.02%, determined by SEC-HPLC.



PLVX-puro-IL-10RB-FL cell line were stained with Synthekine patent anti-IL-10RB and negative control protein respectively, washed and then followed by PE and analyzed with FACS, with the EC50 is 3.526 nM.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.