

Anti-IL10RA Neutralizing Antibody (V3S-1022-YC2549)

Cat. No.: V3S-1022-YC2549

Summary

Description	This product is a recombinant Human antibody provided by CreativeBiolabs. The antibody is specific for interleukin 10 receptor, alpha. It can be used for interleukin 10 receptor, alpha detection in Enzyme-Linked Immunosorbent Assay, Flow Cytometry, Blocking and Neutralization Assay. It was expressed in mammalian cells (293F or CHO) with antibody encoding genes and purified by affinity chromatography. Each lot of this antibody is quality control tested by SDS-PAGE and SEC-HPLC analysis. For highly sensitive assays, we recommend the ultrapurified form of the product, which has a lower endotoxin limit than standard antibody, less than 1 EU/mg or even 0.1 EU/mg.
Clonality	Monoclonal
Host Species	Human
Target Species	Human, Chimpanzee, Cynomolgus
Immunogen	Soluble human IL-10R α :hFc recombinant protein (1:1 mixed)
Epitope	The epitope is in the conformational epitopes.
Affinity	The affinity is in picomolar range, about 38 pM, determined by surface plasmon resonance.
Isotype	IgG1
Isotype Control	C34555; C67002; C43061
Secondary Antibody	C32400; C75370; C10513; C51635

Property

Expression Species	HEK293F or CHO Cell line
Conjugation	Unconjugated, also available for Biotin, HRP, FITC and PE-labeled form.
Purity	>95%, determined by SDS-PAGE and SEC-HPLC
Endotoxin	<1 EU/mg, determined by LAL method
Purification	Purified with Protein A or G affinity chromatography
Sterility	0.2 μ M filtered
Formulation	PBS, pH 7.4
Preservation	No preservatives
Stabilizer	No stabilizers

For lab research use only, not for diagnostic, therapeutic or any *in vivo* human use.

Storage

Store at 4°C within one or two weeks. Store at -20°C for long term. Avoid repeated freeze/thaw cycles. Refer to the COA file for specifics.

Applications

Application ELISA; FC; Block; Neut

Target

Target IL10RA

Alternative Name IL10RA; interleukin 10 receptor; alpha; CD210; IL10R; CD210a; CDW210A; HIL-10R; IL-10R 1; interleukin-10 receptor subunit alpha; IL-10RA; IL-10R subunit 1; IL-10R subunit alpha; IL-10 receptor subunit alpha; interleukin-10 receptor subunit 1; interleukin-10 receptor alpha chain

Gene ID [3587](#)

UniProt [Q13651](#)

Introduction This protein is structurally related to interferon receptors. It has been shown to mediate the immunosuppressive signal of interleukin 10, and thus inhibits the synthesis of proinflammatory cytokines.

Research Area Cell Biology

Related Disease Pathogen infection, e.g. latent or acute CMV infection

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