

Recombinant Anti-CD4 Antibody (V3S-1022-YC1958)

Cat. No.: V3S-1022-YC1958

Summary

Description	This product is a recombinant Human antibody provided by CreativeBiolabs. The antibody is specific for Cd4 Molecule. It can be used for Cd4 Molecule detection in Enzyme-Linked Immunosorbent 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
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 µM filtered
Formulation	PBS, pH 7.4
Preservation	No preservatives
Stabilizer	No stabilizers
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

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

Application	ELISA
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Target

Target	CD4
Alternative Name	CD4 Molecule; T-Cell Surface Glycoprotein CD4; T-Cell Surface Antigen T4/Leu-3; CD4 Antigen (P55); CD4 Receptor; CD4 Antigen; CD4mut;
Gene ID	920
UniProt	P01730
Introduction	CD4 (CD4 Molecule) is a Protein Coding gene. Gene Ontology (GO) annotations related to this gene include protein homodimerization activity and enzyme binding.
Research Area	Immunology; Stem Cell
Proceedings of R&D	Diseases associated with CD4 include Oka4 Epitope Deficiency and Immunodeficiency 79. Among its related pathways are Notch-mediated HES/HEY network and B Cell Receptor Signaling Pathway (sino). Gene Ontology (GO) annotations related to this gene include protein homodimerization activity and enzyme binding.

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