

Recombinant Anti-CD4 Antibody (V3S-1222-YC259)

Cat. No.: V3S-1222-YC259

Summary

Description	This product is a recombinant Human antibody provided by Creative Biolabs. The antibody is specific for CD4. It can be used for CD4 detection in Enzyme-Linked Immunosorbent Assay and Western Blot. 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 ultra purified 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	IgG4
Isotype Control	C34555; C37140
Secondary Antibody	C32400; C75370; C10513; C51635; C45132

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; WB
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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	In molecular biology, CD4 (cluster of differentiation 4) is a glycoprotein found on the surface of immune cells such as T helper cells, monocytes, macrophages, and dendritic cells.
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