Recombinant Anti-CD4 Antibody (V3S-1222-YC261)

Cat. No.: V3S-1222-YC261

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 a nd 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 teste d by SDS-PAGE and SEC-HPLC analysis. For highly sensitive assays, we recommend the ult ra 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/tha w cycles. Refer to the COA file for specifics.

Applications

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

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Application	ELISA; WB

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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