

CD4 Specific Neutra™ Antibody (V3S-0324-FY79), Human IgG4

Cat. No.: V3S-0324-FY79

Summary

Description	The product is a distinctive anti-CD4 antibody that attaches to domain 2 of the extracellular section of the CD4 receptor. This effectively prevents the formation of HIV-induced syncytia, while still allowing for gp120 binding. Additionally, the antibody does not have any immunosuppressive effects.
Clonality	Monoclonal
Host Species	Human
Target Species	Human
Isotype	Human IgG4
Isotype Control	C37140

Property

Expression Species	HEK293F or CHO
Conjugation	None
Purity	>95%, determined by SDS-PAGE and SEC-HPLC
Endotoxin	<1 EU/mg
Purification	Protein A affinity purified
Sterility	0.2 µM filtered
Formulation	PBS, pH 7.4
Preservation	No preservatives
Stabilizer	No stabilizers
Storage	Store at 4°C within a week. For longer storage, aliquot and store at -20°C.

Applications

Application	FC; Inhib; ELISA; WB; IHC
Application Notes	ELISA: 10 µg/mL

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

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. Diseases associated with CD4 include Oka's Variant and Pilonidal Sinus. Among its related pathways are G-protein signaling N-RAS regulation pathway and PEDF Induced Signaling. Gene Ontology (GO) annotations related to this gene include protein homodimerization activity and enzyme binding.
Related pathway	Cancer Research
Research Area	Cancer Research
Related Disease	Infectious Disease and Cancer

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