



Anti-CD3D monoclonal antibody, clone VDIU2 (DCABH-948)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to CD3 - Low endotoxin, Azide free
Antigen Description	The CD3 complex mediates signal transduction.
Specificity	This antibody recognizes the CD3 antigen of the TCR/CD3 complex on mature human T cells. Th antibody reacts with the epsilon chain of the CD3 complex.
Immunogen	Human thymocytes followed by Sezary T cells.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	VDIU2
Purification	This antibody is purified from ascites by protein-A affinity chromatography. Purity is >95% (by SDS-PAGE), 0.2 µm filter sterilized.
Conjugate	Functional Grade
Applications	IP, IHC-Fr, Functional Studies, Flow Cyt
Format	Liquid
Size	100 µg
Buffer	pH: 7.20; Constituent: 99% PBS. Note: Azide-free PBS
Preservative	None

Storage store at -20°C. Avoid freeze / thaw cycles.

Ship Shipped at 4°C.

GENE INFORMATION

Gene Name [CD3D CD3d molecule, delta \(CD3-TCR complex\) \[Homo sapiens \]](#)

Official Symbol CD3D

Synonyms CD3D; CD3d molecule, delta (CD3-TCR complex); CD3d antigen, delta polypeptide (TiT3 complex) , T3D; T-cell surface glycoprotein CD3 delta chain; CD3 delta; OKT3, delta chain; CD3 antigen, delta subunit; T-cell receptor T3 delta chain; CD3d antigen, delta

Entrez Gene ID [915](#)

Protein Refseq [NP_000723](#)

UniProt ID [B0YIY4](#)

Chromosome Location 11q23

Pathway Adaptive Immune System, organism-specific biosystem; CXCR4-mediated signaling events, organism-specific biosystem; Chagas disease (American trypanosomiasis), organism-specific biosystem; Chagas disease (American trypanosomiasis), conserved biosystem; Costimulation by the CD28 family, organism-specific biosystem; Downstream TCR signaling, organism-specific biosystem; Downstream signaling in naive CD8+ T cells, organism-specific biosystem;

Function protein heterodimerization activity; receptor activity; transcription coactivator activity; transmembrane signaling receptor activity;