

CD3- δ rabbit pAb**Cat#: orb764783 (Manual)**

For research use only. Not intended for diagnostic use.

Product Name	CD3- δ rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human N-terminal CD3-delta. AA range:7-56
Specificity	CD3- δ Polyclonal Antibody detects endogenous levels of CD3- δ protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	T-cell surface glycoprotein CD3 delta chain
Gene Name	CD3D
Cellular localization	Cell membrane; Single-pass type I membrane protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

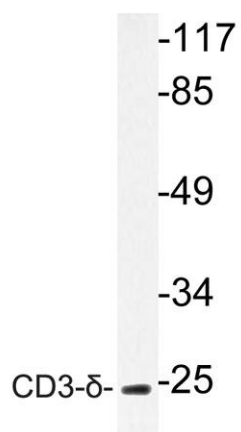
Concentration	1 mg/ml
Observed band	20kD
Human Gene ID	915
Human Swiss-Prot Number	P04234
Alternative Names	CD3D; T3D; T-cell surface glycoprotein CD3 delta chain; T-cell receptor T3 delta chain; CD antigen CD3d

Background

The protein encoded by this gene is part of the T-cell receptor/CD3 complex (TCR/CD3 complex) and is involved in T-cell development and signal transduction. The encoded membrane protein represents the delta subunit of the CD3 complex, and along with four other CD3 subunits, binds either TCR alpha/beta or TCR gamma/delta to form the TCR/CD3 complex on the surface of T-cells. Defects in this gene are a cause of severe combined immunodeficiency autosomal recessive T-cell-negative/B-cell-positive/NK-cell-positive (SCIDBNK). Two transcript variants encoding different isoforms have been found for this gene. Other variants may also exist, but the full-length nature of their transcripts has yet to be defined. [provided by RefSeq, Feb 2009],



Western Blot analysis of various cells using CD3-δ Polyclonal Antibody



Western blot analysis of lysate from A549 cells, using CD3-δ antibody.