

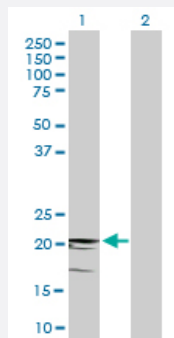
MaxPab®

# CD3D purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00000915-B01P

Size 50 ug

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of CD3D expression in transfected 293T cell line ([H00000915-T02](#)) by CD3D MaxPab polyclonal antibody.

Lane 1: CD3D transfected lysate(18.81 KDa).

Lane 2: Non-transfected lysate.

## Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CD3D protein.
Immunogen	CD3D (NP_000723.1, 1 a.a. ~ 171 a.a) full-length human protein.
Sequence	MEHSTFLSGLVLATLLSQVSPFKIPKIEELEDVFNVCNTSITWVEGTVGTLLSDITRLDLGKRILDPR GIYRCNGTDIYKDKESTVQVHYRMCQSCVELDPATVAGIMTDVIATLLLALGVFCFAGHETGRLSG AADTQALLRNDQVYQPLRDRDDAQYSHLGGNWARNK
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

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[Protocol Download](#)

## Gene Info — CD3D

Entrez GeneID [915](#)

GeneBank Accession# [NM\\_000732](#)

Protein Accession# [NP\\_000723.1](#)

Gene Name CD3D

Gene Alias CD3-DELTA, T3D

Gene Description CD3d molecule, delta (CD3-TCR complex)

Omim ID [186790 600802](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

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]

**Other Designations**

CD3D antigen, delta polypeptide|CD3d antigen, delta polypeptide (TIT3 complex)|T-cell receptor T3 delta chain|T-cell surface glycoprotein CD3 delta chain

## Pathway

- [Hematopoietic cell lineage](#)
- [Primary immunodeficiency](#)

- [T cell receptor signaling pathway](#)

## Disease

- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)