## bsm-52744R

## [ Primary Antibody ]

# Bioss

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# **CD3D Recombinant Rabbit mAb**

- DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Recombinant CloneNo.: 5C1

GeneID: 915 SWISS: P04234

Target: CD3D

Immunogen: A synthesized peptide derived from human CD3 delta: 100-171/171.

**Purification:** affinity purified by Protein A

Concentration: 1mg/ml

**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

**Background:** CD3D (CD3d Molecule) is a Protein Coding gene. Diseases

associated with CD3D include Immunodeficiency 19 and T-B+

Severe Combined Immunodeficiency Due To

Cd3delta/Cd3epsilon/Cd3zeta. Among its related pathways are ICos-ICosL Pathway in T-Helper Cell and CTLA4 Signaling. GO

annotations related to this gene include protein

heterodimerization activity and transmembrane signaling receptor

activity. An important paralog of this gene is CD3G.

Applications: WB (1:500-2000)

IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Flow-Cyt (1:50-100) ICC/IF (1:50-200)

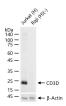
**IP** (1:20-50)

Reactivity: Human

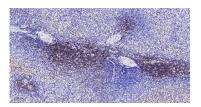
Predicted MW.: 19 kDa

Subcellular Location: Cell membrane

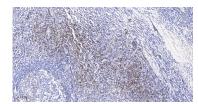
### VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with CD3D monoclonal antibody, unconjugated (bsm-52744R) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with ACACA Monoclonal Antibody, Unconjugated (bsm-52744R) at 1:100 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Tonsil; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with ACACA Monoclonal Antibody, Unconjugated (bsm-52744R) at 1:100 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.