

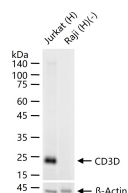
**bsm-52744R****[ Primary Antibody ]****BioSS**  
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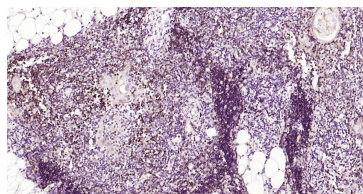
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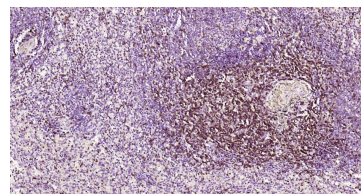
400-901-9800

**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 Thymus; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD3D Monoclonal Antibody, Unconjugated(bsm-52744R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD3D Monoclonal Antibody, Unconjugated(bsm-52744R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.