

CD3D Rabbit mAb

Catalog No: #49268



Package Size: #49268-1 50ul #49268-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	CD3D Rabbit mAb
Clone No.	JJ08-97
Purification	Affinity-chromatography
Applications	WB;IHC;ICC/IF;IP;FC
Species Reactivity	Hu
Immunogen Description	A synthesized peptide derived from human CD3 delta
Other Names	CD3 antigen delta subunit antibody CD3 delta antibody CD3d antibody CD3d antigen delta polypeptide (T1T3 complex) antibody CD3d molecule delta (CD3-TCR complex) antibody CD3D_HUMAN antibody IMD19 antibody OKT3 delta chain antibody T cell receptor T3 delta chain antibody T-cell receptor T3 delta chain antibody T-cell surface glycoprotein CD3 delta chain antibody T3D antibody
Accession No.	Swiss-Prot#:P04234
Calculated MW	19 kDa
Formulation	Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C for short term. Store at -20°C for long term. Avoid freeze/thaw cycle.

Application Details

WB 1:1000-1:2000

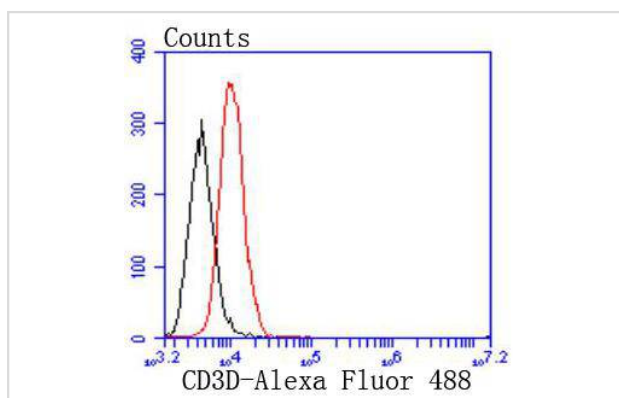
IHC 1:100-1:200

ICC/IF 1:50-1:200

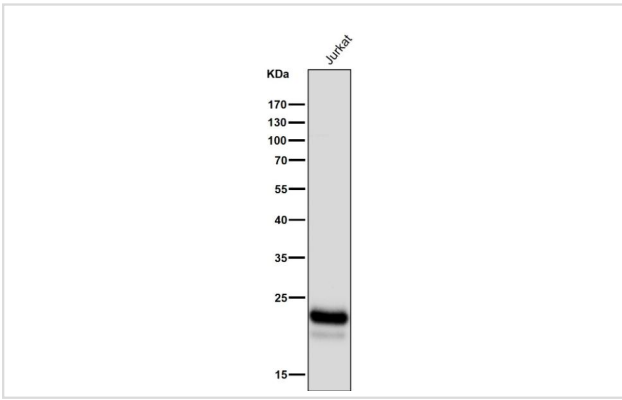
IP 1:20-1:50

FC 1:20-1:100

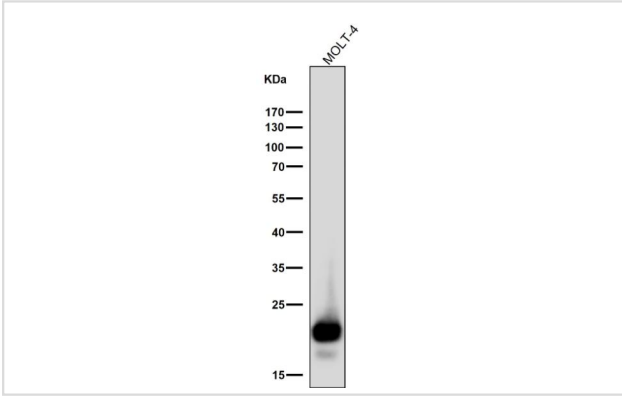
Images



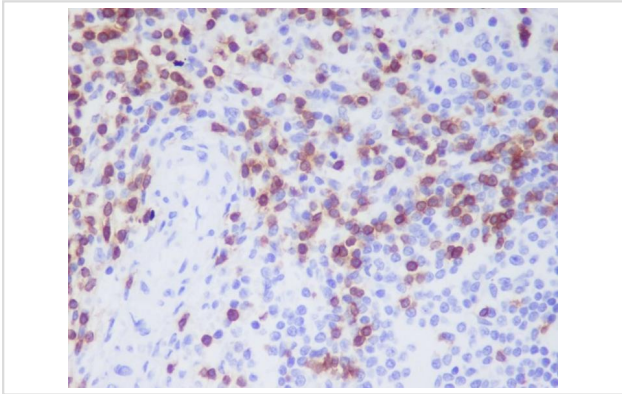
Flow cytometric analysis of Raji cells with CD3D antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



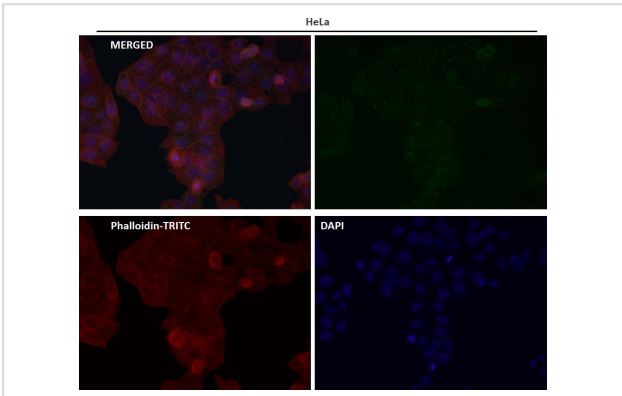
All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



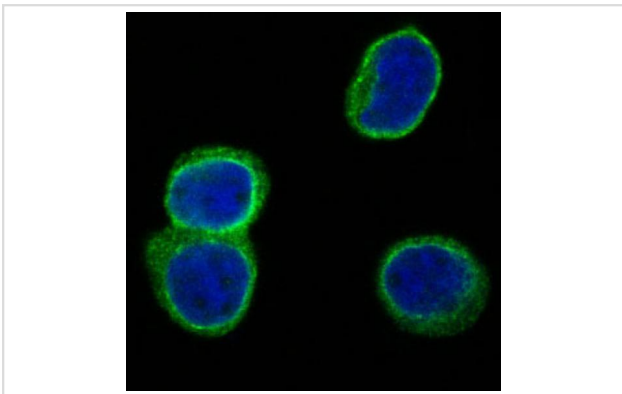
All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



Immunohistochemical analysis of paraffin-embedded human spleen, using CD3D Antibody.



Immunofluorescent analysis using the Antibody at 1:50 dilution.



Immunofluorescent analysis of Jurkat cells, using CD3D Antibody.

Background

Part of the TCR-CD3 complex present on T-lymphocyte cell surface that plays an essential role in adaptive immune response.

References

1. Li X., et al. 2015. Identification of a FOXP3(+)CD3(+)CD56(+) population with immunosuppressive function in cancer tissues of human hepatocellular carcinoma. *Sci Rep* 5:14757-14757.
2. He Y., et al. 2015. Identification of the Docking Site for CD3 on the T Cell Receptor beta Chain by Solution NMR. *J. Biol. Chem.* 290:19796-19805.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.