

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 |
| Host Species | Recombinant Rabbit |
| Clonality | Monoclonal |
| Clone No. | JJ08-97 |
| Purification | Affinity-chromatography |
| Applications | WB;IHC;ICC/IF;IP;FC |
| Species Reactivity | Human |
| Immunogen Description | A synthesized peptide derived from human CD3 delta |
| Conjugates | Unconjugated |
| Other Names | CD3 antigen delta subunit antibody CD3 delta antibody CD3d antigen delta polypeptide (TiT3 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

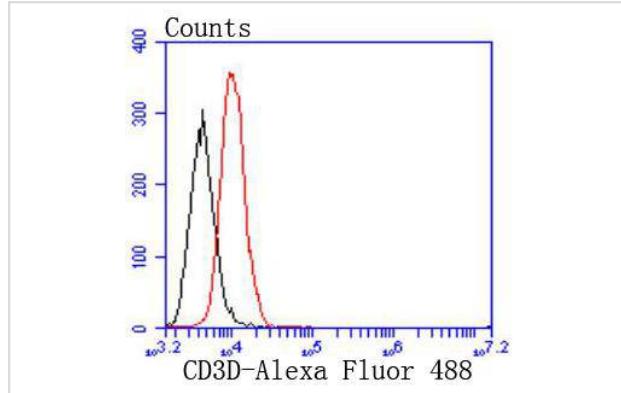
IHC 1:100-1:200

ICC/IF 1:50-1:200

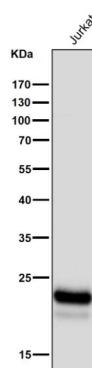
IP 1:20-1:50

FC 1:20-1:100

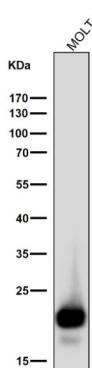
Images



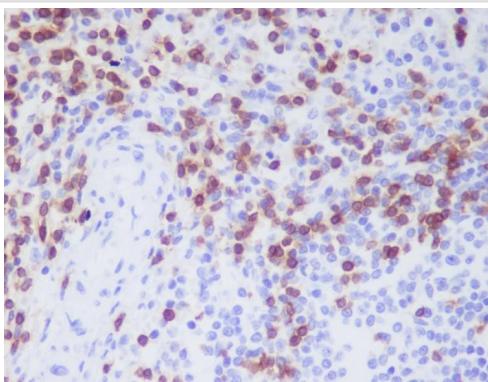
Flow cytometric analysis of Raji cells with CD3D antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



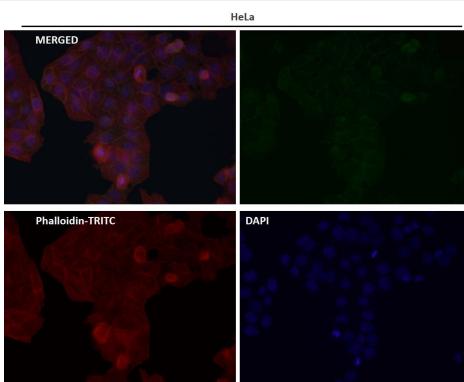
All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



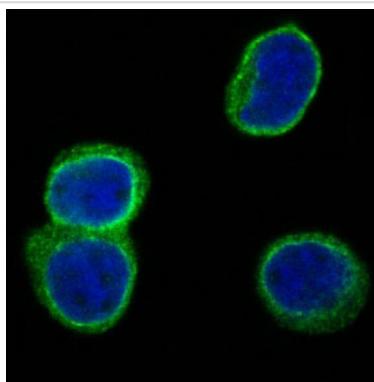
All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



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.

Published Papers

el at., ScRNA-seq reveals novel immune-suppressive T cells and investigates CMV-TCR-T cells cytotoxicity against GBM. In *J Immunother Cancer* on 2024 Apr 30 by Xinmiao Long, Zuping Zhang, et al.. PMID:38688579, , (2024)

[PMID:38688579](#)

Long Xinmiao;Zhang Zuping;Li Yuzhe;Deng Kun;Gao Wei;Huang Meng;Wang Xiangyu;Lin Xiang;She Xiaoling;Zhao Yiming;Zhang Minfu;Huang Cheng;Wang Shiyi;Du Yinfai;Du Peng;Chen Shuai;Liu Qing;Wu Minghua el at., ScRNA-seq reveals novel immunesuppressive T cells and investigates CMV-TCR-T cells cytotoxicity against GBM, , (2024)

[PMID:](#)

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