



CD3(ABT295)mouse mAb

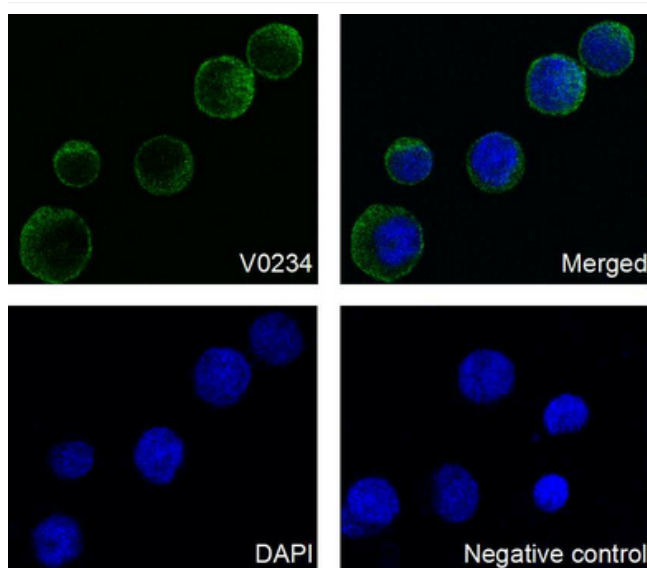
货号	BYab-33312
同位型	IgG
应用	IHC;WB;IF;ELISA
种属	Human
靶点	CD3E
简介	>>Hematopoietic cell lineage;>>Th1 and Th2 cell differentiation;>>Th17 cell differentiation;>>T cell receptor signaling pathway;>>Chagas disease;>>Measles;>>Human T-cell leukemia virus 1 infection;>>Epstein-Barr virus infection;>>Human immunodeficiency virus 1 infection;>>PD-L1 expression and PD-1 checkpoint pathway in cancer;>>Primary immunodeficiency
基因名称	CD3E T3E
蛋白名称	CD3, CD3E
免疫原	Synthesized peptide derived from human CD3, CD3E AA range: 1-100
特异性	The antibody can specifically recognize human CD3e protein, and shows no reaction with CD3d or CD3g. In western blotting of Jurkat cell lysate, the antibody can label a 23 kDa band corresponding to CD
组成	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
来源	Mouse, Monoclonal/IgG2a, kappa
稀释	IHC 1:200-1000. WB 1:500-2000. IF 1:100-500. ELISA 1:1000-5000
纯化工艺	Protein G
其他名称	4930549J05Rik; A430104F18Rik; AW552088; Cd247; CD247 antigen; CD247 antigen, zeta subunit; CD247 molecule; CD3; CD3 antigen, delta subunit; CD3 delta; CD3 epsilon; CD3 eta; CD3 gamma; CD3 molecule delta polypeptide; CD3 molecule, epsilon polypeptide; CD3 molecule, gamma polypeptide; CD3 zeta; CD3-DELTA; CD3d; CD3D antigen delta polypeptide; CD3d antigen, delta polypeptide (TiT3 complex); CD3d molecule delta; CD3d molecule delta CD3 TCR complex; CD3d molecule, delta (CD3-TCR complex); CD3D_HUMAN; CD3E; CD3e antigen; CD3E antigen epsilon polypeptide; CD3e antigen, epsilon polypeptide (TiT3 complex); CD3e molecule epsilon; CD3e molecule epsilon CD3 TCR complex; CD3e molecule, epsilon (CD3-TCR complex); CD3epsilon; CD3G ; CD3g antigen; CD3G antigen gamma polypeptide; CD3g antigen, gamma polypeptide (TiT3 complex); CD3g molecule gamma; CD3g molecule gamma CD3 TCR complex; CD3g molecule, gamma (CD3-TCR complex); CD3H; CD3Q ; CD3Z; CD3zeta; Ctg3; FLJ17620; FLJ17664; FLJ18683; FLJ79544; FLJ94613 ; IMD19; Leu-4; MGC138597; OKT3, delta chain; OTTHUMP0

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分子量	23kD
实测条带	23kD
背景	CD3 protein contains ϵ 、 γ 、 δ and ζ four subunits, including extracellular, transmembrane and intracellular domains. CD3 is a T cell marker, which is not expressed by B cells. CD3 complex mediates TCR antigen recognition, leading to T cell proliferation and cytokine release. It is mainly used for the diagnosis of T-cell lymphoma, with high specificity but low sensitivity. In order to improve the accuracy of diagnosis, it is usually combined with CD45RO in clinical application.
功能	function:The CD3 complex mediates signal transduction.,online information:CD3E mutation db,similarity:Contains 1 Ig-like (immunoglobulin-like) domain.,similarity:Contains 1 ITAM domain.,subunit:The TCR/CD3 complex of T-lymphocytes consists of either a TCR alpha/beta or TCR gamma/delta heterodimer coexpressed at the cell surface with the invariant subunits of CD3 labeled gamma, delta, epsilon, zeta, and eta.,
细胞定位	Membranous
组织表达	Membranous
浓度	1 mg/ml
储存	-15°C to -25°C/1 year(Do not lower than -25°C)
有关注意事项	Avoid repeated freezing and thawing!
使用建议	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



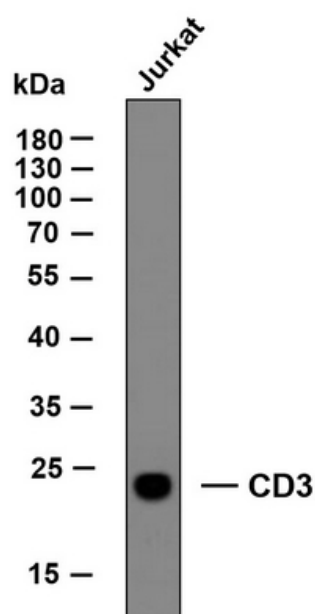
Confocal immunofluorescent analysis of Jurkat cells labeling CD3 (ABT295) mouse mAb followed by Goat Anti-mouse IgG H&L (FITC Conjugate) secondary antibody (green). Counterstained with DAPI (blue). Negative control: PBS was used instead of primary antibody, followed by Goat Anti-mouse IgG H&L (FITC Conjugate) secondary antibody (green).

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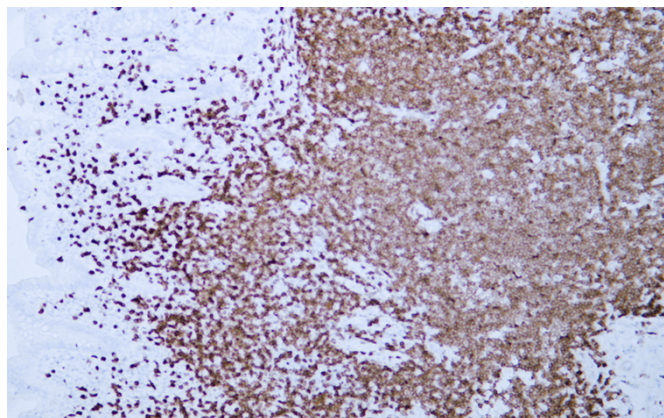
网址: www.njbybio.com

官方热线: 025-5229-8998

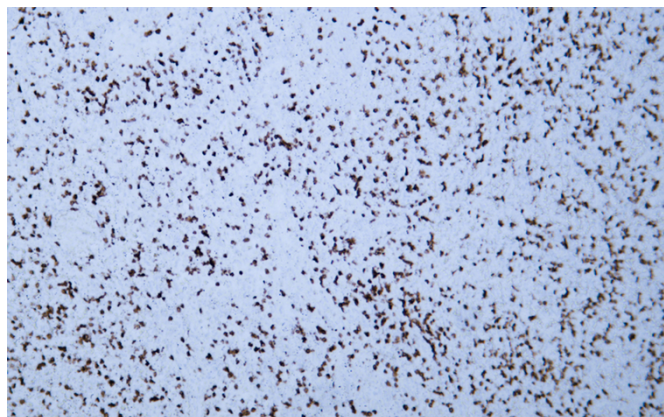
监督电话: 15950492658



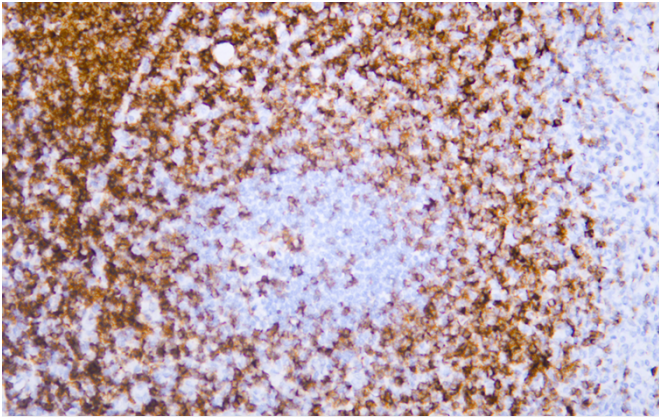
Whole cell lysates of Jurkat were separated by 12% SDS-PAGE, and the membrane was blotted with anti-CD3 antibody. The HRP-conjugated anti-Mouse IgG antibody was used to detect the antibody.



Human appendix tissue was stained with Anti-CD3 (ABT295) Antibody



Human spleen tissue was stained with Anti-CD3 (ABT295) Antibody



Human tonsil tissue was stained with Anti-CD3 (ABT295)Antibody