

anti- CD3 epsilon antibody

Product Information

Catalog No.:	FNab01459
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	2E4
IsoType:	IgG1
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

CD3 is a complex of proteins that directly associates with the T cell receptor (TCR). 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. The TCR recognizes antigens bound to major histocompatibility complex (MHC) molecules. TCR-mediated peptide-MHC recognition is transmitted to the CD3 complex, leading to the intracellular signal transduction. CD3 is considered to be a pan-T cell marker for detection of normal and neoplastic T cells. This anti-CD3 is a monoclonal antibody directed against the epsilon chain of human CD3 molecule.

Immunogen information

Immunogen:	CD3e molecule, epsilon (CD3-TCR complex)
Synonyms:	CD3, CD3 epsilon, CD3E, CD3-epsilon, T3E, TCRE
Observed MW:	23 kDa
Uniprot ID :	P07766

Application

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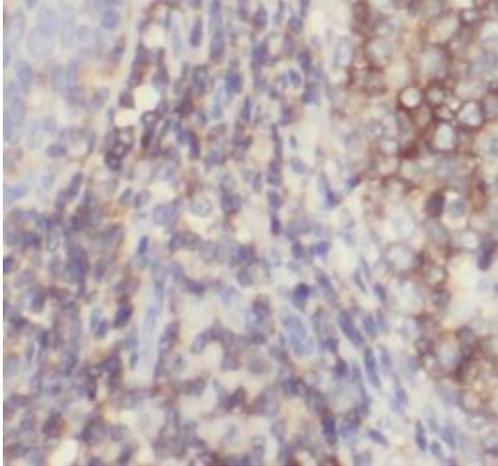
www.fn-test.com

Reactivity: Human

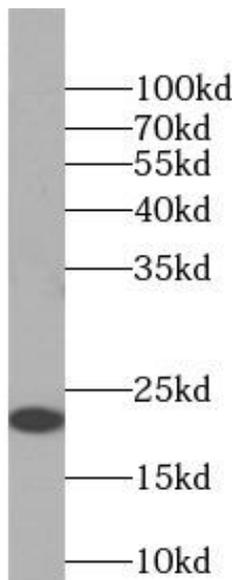
Tested Application: ELISA, WB, IHC, IF, FC

Recommended dilution: WB: 1:2000 - 1:20000; IHC: 1:1000 - 1:10000; IF: 1:50 - 500

Image:



Immunohistochemistry of paraffin-embedded human tonsillitis tissue slide using FNab01459(CD3E Antibody) at dilution of 1:8000



Jurkat cells were subjected to SDS PAGE followed by western blot with FNab01459(CD3E Antibody) at dilution of 1:10000

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