

anti- CD3 epsilon antibody

Product Information

Catalog No.:	FNab01458
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

The protein encoded by this gene is the CD3-epsilon polypeptide, which together with CD3-gamma, -delta and -zeta, and the T-cell receptor alpha/beta and gamma/delta heterodimers, forms the T-cell receptor-CD3 complex. This complex plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways. The genes encoding the epsilon, gamma and delta polypeptides are located in the same cluster on chromosome 11. The epsilon polypeptide plays an essential role in T-cell development. Defects in this gene cause immunodeficiency. This gene has also been linked to a susceptibility to type I diabetes in women.

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

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC

Wuhan Fine Biotech Co., Ltd.

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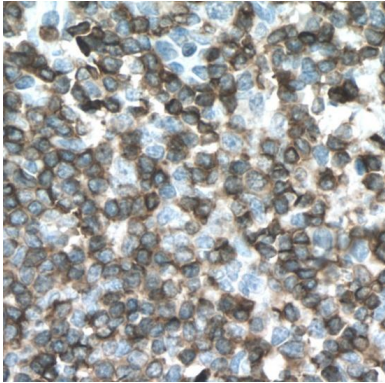
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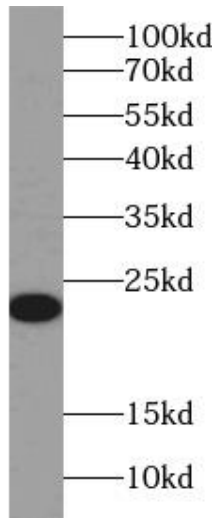
www.fn-test.com

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded human tonsillitis tissue slide using FNab01458(CD3E Antibody) at dilution of 1:200 Heat mediated antigen retrieved with Tris-EDTA buffer, pH9.0



Jurkat cells were subjected to SDS PAGE followed by western blot with FNab01458(CD3E antibody) at dilution of 1:1000