

Product Name: CD3 epsilon Rabbit Monoclonal Antibody
Catalog #: AMRe01786

Summary

Production Name	CD3 epsilon Rabbit Monoclonal Antibody
Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,IP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Immunogen

Gene Name	CD3E
Alternative Names	CD3E; T3E; T-cell surface glycoprotein CD3 epsilon chain; T-cell surface antigen T3/Leu-4 epsilon chain; CD3e
Gene ID	916
SwissProt ID	P07766.

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,IP 1:20-1:50
Molecular Weight	Calculated MW: 23 kDa; Observed MW: 23 kDa

Product Name: CD3 epsilon Rabbit Monoclonal Antibody
Catalog #: AMRe01786



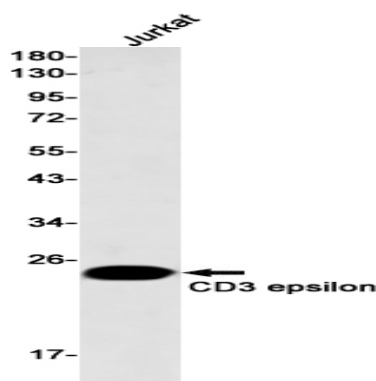
Background

The CD3 complex mediates signal transduction. When T cells encounter antigens via the T cell receptor (TCR), information about the quantity and quality of antigens is relayed to the intracellular signal transduction machinery. This activation process depends mainly on CD3 (Cluster of Differentiation 3), a multiunit protein complex that directly associates with the TCR. CD3 is composed of four polypeptides: ζ , γ , ϵ and δ .

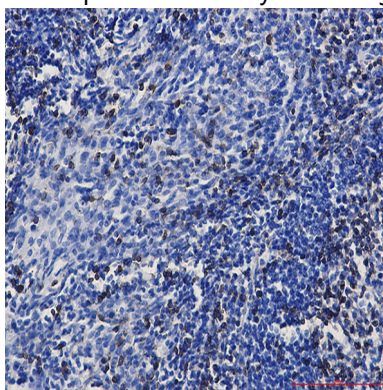
Research Area

Immunology

Image Data



Western blot analysis of CD3 epsilon in Jurkat lysates using CD3 epsilon antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using CD3 epsilon antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.