

Product Datasheet

CD3 epsilon Antibody (SY0239)

NBP2-67428

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-67428

CD3 epsilon Antibody (SY0239)

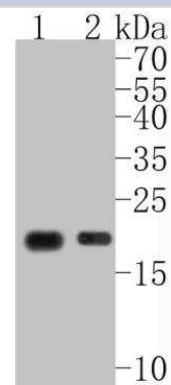
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SY0239
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Host	Rabbit
Gene Symbol	CD3E
Species	Human
Immunogen	Synthetic peptide within human CD3 epsilon aa 153-203 (Cytoplasmic). (SwissProt: P07766 Human)

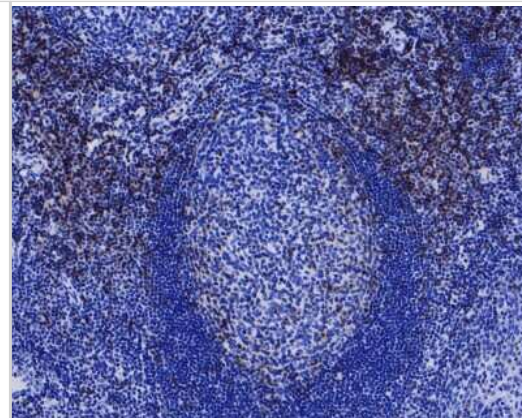
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:200

Images

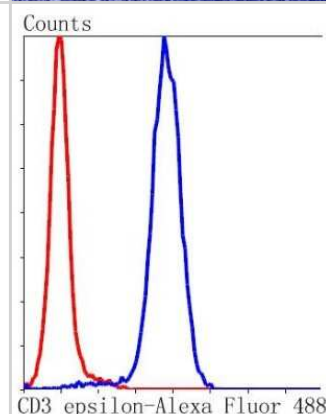
Western Blot: CD3 epsilon Antibody (SY0239) [NBP2-67428] - Analysis of CD3 epsilon on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:5,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: human thymus tissue lysate Lane 2: Jurkat cell lysate



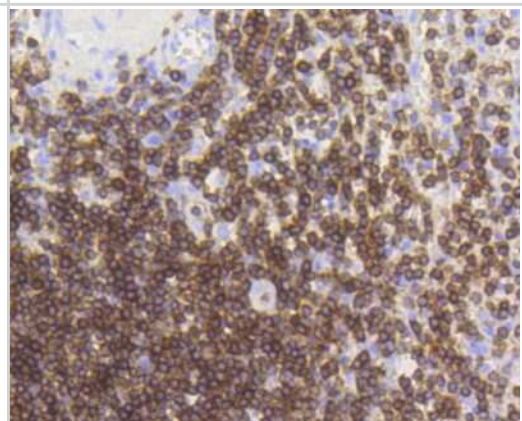
Immunohistochemistry-Paraffin: CD3 epsilon Antibody (SY0239) [NBP2-67428] - Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-CD3 epsilon antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (ET1607-29, 1/200) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



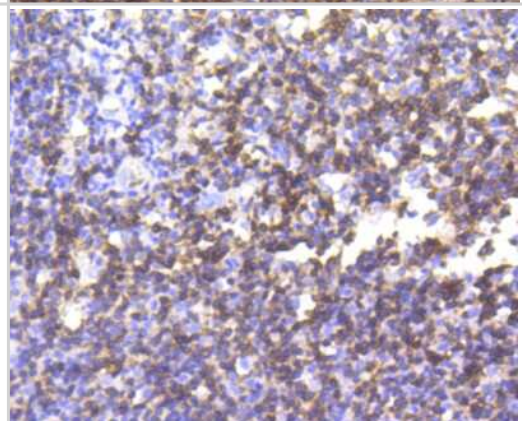
Flow Cytometry: CD3 epsilon Antibody (SY0239) [NBP2-67428] - Analysis of Jurkat cells with CD3 epsilon antibody at 1/50 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody



Immunohistochemistry-Paraffin: CD3 epsilon Antibody (SY0239) [NBP2-67428] - Analysis of paraffin-embedded human spleen tissue using anti-CD3 epsilon antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: CD3 epsilon Antibody (SY0239) [NBP2-67428] - Analysis of paraffin-embedded human tonsil tissue using anti-CD3 epsilon antibody. Counter stained with hematoxylin.





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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