

Product Datasheet

CD3 epsilon Antibody (C3e/1308) [DyLight 594] NBP2-54392DL594

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-54392DL594

CD3 epsilon Antibody (C3e/1308) [DyLight 594]

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	C3e/1308
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa
Conjugate	DyLight 594
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

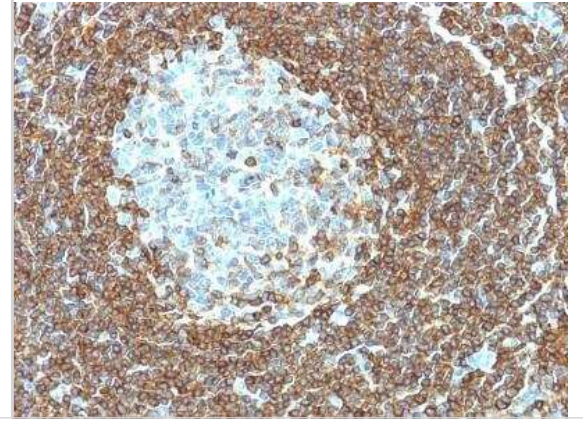
Product Description	
Host	Mouse
Gene ID	916
Gene Symbol	CD3E
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 33428661).
Marker	T-Cell Marker
Specificity/Sensitivity	Recognizes the epsilon-chain of CD3, which consists of five different polypeptide chains (designated as gamma, delta, epsilon, zeta, and eta) with MW ranging from 16-28kDa. The CD3 complex is closely associated at the lymphocyte cell surface with the T cell antigen receptor (TCR). Reportedly, CD3 complex is involved in signal transduction to the T cell interior following antigen recognition. The CD3 antigen is first detectable in early thymocytes and probably represents one of the earliest signs of commitment to the T cell lineage. In cortical thymocytes, CD3 is predominantly intra-cytoplasmic. However, in medullary thymocytes, it appears on the T cell surface. CD3 antigen is a highly specific marker for T cells, and is present in majority of T cell neoplasms.
Immunogen	Recombinant human CD3 epsilon fragment (aa 23-119) (Uniprot: P07766)

Product Application Details	
Applications	Western Blot, Flow Cytometry, Flow (Intracellular), Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready, Multiplex Immunoassay
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, Flow (Intracellular), CyTOF-ready, Multiplex Immunoassay
Application Notes	Use in Multiplex Immunoassay reported in scientific literature (PMID: 31942075). IHC-P: Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer pH 6.0 for 10-20 min followed by cooling at RT for 20 minutes



Images

Immunohistochemistry-Paraffin: CD3 epsilon Antibody (C3e/1308) [DyLight 594] [NBP2-54392DL594] - Formalin-fixed, paraffin-embedded human Tonsil stained with CD3 epsilon Monoclonal Antibody (C3e/1308).





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Products Related to NBP2-54392DL594

NBP1-43317DL594	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) [DyLight 594]
NBP2-22752	Recombinant Human CD3 epsilon His Protein
210-TA-005	TNF-alpha [Unconjugated]
9850-CD-050	CD3 epsilon [Unconjugated]

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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