

Product Datasheet

CD8 alpha Antibody (C8/468 + C8/144B) [DyLight 650] NBP2-34590C

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-34590C

CD8 alpha Antibody (C8/468 + C8/144B) [DyLight 650]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	C8/468 + C8/144B
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	DyLight 650
Purity	Protein A purified
Buffer	50mM Sodium Borate
Target Molecular Weight	32 kDa
Product Description	
Host	Mouse
Gene ID	925
Gene Symbol	CD8A
Species	Human
Marker	Cytotoxic- & Suppressor T-Cell Marker
Specificity/Sensitivity	CD8 is a cell surface receptor expressed either as a heterodimer with the CD8 beta chain (CD8 alpha/beta) or as a homodimer (CD8 alpha/alpha). A majority of thymocytes and a subpopulation of mature T cells and NK cells express CD8a. CD8 binds to MHC class 1 and through its association with protein tyrosine kinase p56lck plays a role in T cell development and activation of mature T cells. For mature T-cells, CD4 and CD8 are mutually exclusive, so anti-CD8, generally used in conjunction with anti-CD4. It is a useful marker for distinguishing helper/inducer T-lymphocytes, and most peripheral T-cell lymphomas are CD4+/CD8-. Anaplastic large cell lymphoma is usually CD4+ and CD8-, and in T-lymphoblastic lymphoma/leukemia, CD4 and CD8 are often co-expressed. CD8 is also found in littoral cell angioma of the spleen.
Immunogen	Human CD8 recombinant protein (C8/468); A 13 amino acid peptide from C-terminal cytoplasmic domain of alpha chain of human CD8 molecule (C8/144B)
Notes	Dylight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen



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Products Related to NBP2-34590C

H00000925-P01-2ug	Recombinant Human CD8 alpha Protein
210-TA-005/CF	TNF-alpha [Unconjugated]
NBP2-11336	CD8 alpha Overexpression Lysate (Native)
204-IL-010/CF	IL-4 [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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