

Product Datasheet

CD8 Antibody (53-6.7) [HRP]

NBP1-49045H

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 10/30/2025 v.20.1

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NBP1-49045H

CD8 Antibody (53-6.7) [HRP]

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	53-6.7
Preservative	No Preservative
Isotype	IgG2a Kappa
Conjugate	HRP
Purity	Protein A or G purified
Buffer	PBS
Target Molecular Weight	27 kDa
Product Description	
Host	Rat
Gene ID	925
Gene Symbol	CD8A
Species	Mouse, Rat
Immunogen	Mouse thymus or spleen.
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, Cell depletion, CyTOF-ready, Inhibition of T Cell Function
Recommended Dilutions	Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Cell depletion, Inhibition of T Cell Function, CyTOF-ready
Application Notes	Each lot of this CD8a antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is $0.25\mu\text{g}/10^6$ cells in 100ul volume. It is recommended that the reagent be titrated for optimal performance for each application. The 53-6.7 antibody has been reported to block antigen presentation via MHC class I and inhibit T cell responses to IL-2. This antibody has also been used for depletion of CD8a+ cells. Additional reported applications (for the relevant formats) include: immunoprecipitation, in vivo and in vitro cell depletion, inhibition of CD8 T cell proliferation, blocking of cytotoxicity, and immunohistochemical staining of both acetone-fixed frozen sections and zinc-fixed paraffin-embedded sections. This antibody is not recommended for immunohistochemistry of formalin-fixed paraffin sections. Immunocytochemistry/Immunofluorescence was reported in scientific literature. Use in Immunohistochemistry-Paraffin reported in scientific literature (PMID 24565643)





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Products Related to NBP1-49045H

NBP1-51104H	Rat IgG2a Isotype Control (KLH/G2a-1-1) [HRP]
NBP2-34039PEP	CD8 Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
9358-CD-050	CD8 [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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