

# Product Datasheet

## CD8 Antibody (YTS 105.18) - Chimeric - Azide and BSA Free NBP2-52659-0.2mg

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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**NBP2-52659-0.2mg**

CD8 Antibody (YTS 105.18) - Chimeric - Azide and BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	YTS 105.18
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS
Target Molecular Weight	27 kDa

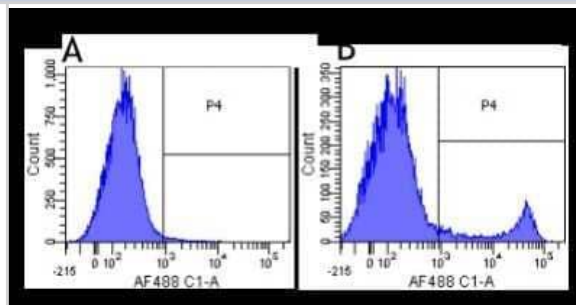
Product Description	
Host	Rabbit
Gene ID	925
Gene Symbol	CD8A
Species	Mouse
Specificity/Sensitivity	CD8 Antibody (YTS 105.18) - Chimeric recognizes a non polymorphic epitope on the mouse CD8 alpha chain. This antibody has been reported to block MHC I dependent T cell responses in vitro and in vivo.
Immunogen	Recombinant monoclonal CD8 Antibody (YTS 105.18) - Chimeric was developed against Ly-2-transfected mouse L cells.

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Block/Neutralize, CyTOF-ready
Recommended Dilutions	Flow Cytometry 1:10 - 1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen 1:10 - 1:500 Blocking/Neutralizing 50 - 200 molar excess, CyTOF-ready, Block/Neutralize
Application Notes	This antibody is Cytof ready. This chimeric rabbit antibody was made using the variable domain sequences of the original rat IgG2a format, for improved compatibility with existing reagents, assays and techniques. This antibody can be used to stain for murine CD8 and can be used to block interaction with CD8.



## Images

Flow Cytometry: CD8 Antibody (YTS 105.18) - Chimeric [NBP2-52659] - Flow-cytometry using anti-CD8a antibody YTS 105.18 (NBP2-52659) Mouse lymphocytes were stained with an isotype control (panel A) or the rabbit-chimeric version of YTS 105.18 (panel B) at a concentration of 1 ug/ml for 30 mins at RT. After washing, bound antibody was detected using a AF488 conjugated donkey anti-rabbit antibody and cells analysed on a FACSCanto flow-cytometer.





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### **Products Related to NBP2-52659-0.2mg**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-36743PEP	CD8 Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]

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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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