

# Product Datasheet

## CD3 epsilon Antibody (500A2) - Chimeric - Azide and BSA Free NBP2-52643-0.2mg

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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**NBP2-52643-0.2mg**

CD3 epsilon Antibody (500A2) - Chimeric - Azide and BSA Free

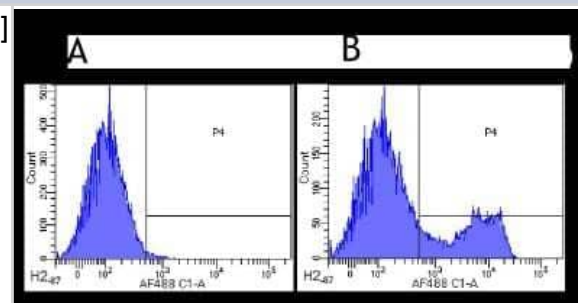
Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	500A2
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Rabbit CD3 epsilon Antibody (500A2) - Chimeric - Azide and BSA Free (NBP2-52643) is a recombinant monoclonal antibody validated for use in Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	916
Gene Symbol	CD3E
Species	Mouse
Specificity/Sensitivity	The 25-kDa epsilon chain of the T-cell receptor-associated CD3 complex expressed on thymocytes, mature T lymphocytes, and NK-T cells on many mouse stains.
Immunogen	T cell receptor complexes derived from mouse C6VL-BS thymoma cells (C57BL/Ka) .

Product Application Details	
Applications	Flow Cytometry, Functional, CyTOF-ready
Recommended Dilutions	Flow Cytometry 1:10 - 1:1000, Functional, CyTOF-ready
Application Notes	This antibody is Cytof ready. This chimeric rabbit antibody was made using the variable domain sequences of the original Hamster IgG2 format, for improved compatibility with existing reagents, assays and techniques. This antibody binds to murine CD3 epsilon. It partially cross-blocks binding of clone 145-2C11 indicating that overlapping epitopes are detected by these antibodies.

**Images**

Flow Cytometry: CD3 epsilon Antibody (500A2) - Chimeric [NBP2-52643] - Mouse lymphocytes were stained with an anti-CD44 control (panel A) or the rabbit-chimeric version of 500A2 (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 NBP2-52643-0.2mg

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-22752	Recombinant Human CD3 epsilon His Protein
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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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