

Product Datasheet

QA1b Antibody (6A8.6F10.1A6) - Azide and BSA Free NBP2-26667-0.1mg

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-26667-0.1mg

QA1b Antibody (6A8.6F10.1A6) - Azide and BSA Free

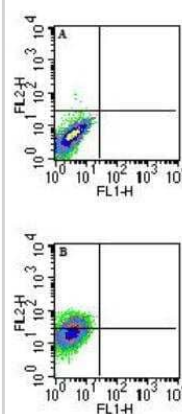
Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	6A8.6F10.1A6
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein G purified
Buffer	Sterile - filtered PBS

Product Description	
Description	Novus Biologicals Mouse QA1b Antibody (6A8.6F10.1A6) - Azide and BSA Free (NBP2-26649) is a monoclonal antibody validated for use in WB and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	15040
Gene Symbol	QA1b
Species	Human, Mouse
Immunogen	Animals were immunized with a synthetic peptide from the alpha-2 domain of Qa-1b. Qa-1 is a Class Ib molecule recognized by cytotoxic T cells and natural killer cells. Spleen cells were fused with P3X63Ag8.653 myeloma cells. The antibody reacts with the Qa-1b Class Ib molecule.

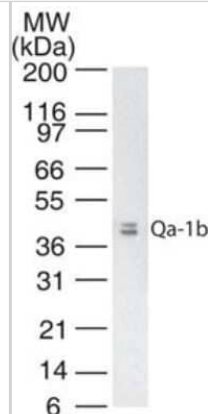
Product Application Details	
Applications	Western Blot, Flow Cytometry, CyTOF-ready
Recommended Dilutions	Western Blot 1-2 ug/ml, Flow Cytometry 1ul/1 million cells, CyTOF-ready

Images

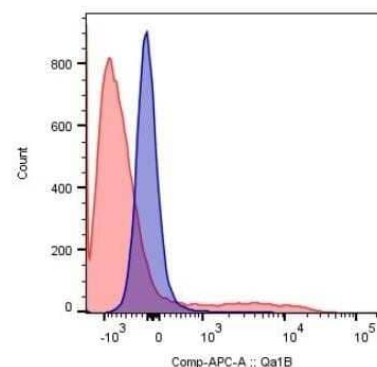
Flow Cytometry: QA1b Antibody (6A8.6F10.1A6) - Azide Free [NBP2-26667] - QA1b Antibody (6A8.6F10.1A6) [Azide Free] [NBP2-26667] - Analysis of Qa-1b in 72 hour ConA-stimulated Balb/c mouse splenocytes using A) isotype control and B) NBP2-26649 (with an anti-mouse IgG1-PE secondary) at 0.25 ug/10⁶ cells. A shift is seen in the entire population of cells



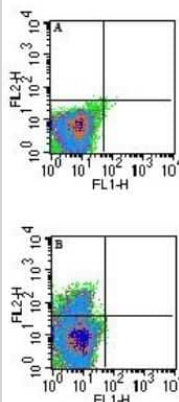
Western Blot: QA1b Antibody (6A8.6F10.1A6) - Azide Free [NBP2-26667] - analysis of Qa-1b in mouse thymus tissue lysate using NBP2-26667 at 2 ug/ml.



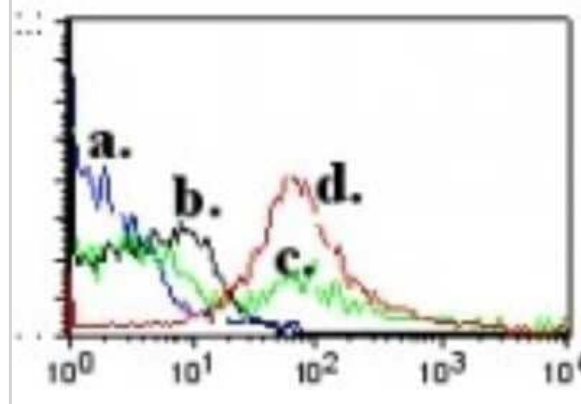
Flow Cytometry: QA1b Antibody (6A8.6F10.1A6) - Azide Free [NBP2-26667] - Experimental autoimmune encephalomyelitis was induced in C57BL6/J mice, and cells from central nervous system (brain+spinal cord) were isolated when the animals were at the peak of the disease. Cells were stained for QA1b, CD8, CD4, TNF, IFNg, IL-17, plus for viability to exclude dead cells. CNS cells of EAE mice stained for viable cells using APC conjugated QA1B antibody (NBP2-26649APC). Viable, CD8+ cells were gated and QA1b staining is showed in control cells, non-stained for QA1b (blue), and in QA1b-stained cells (red). Image from verified customer review.



Flow Cytometry: QA1b Antibody (6A8.6F10.1A6) - Azide Free [NBP2-26667] - Flow cytometric analysis of QA1b in unstimulated Balb/c mouse splenocytes using A) isotype control and B) NBP2-26649 (with an anti-mouse IgG1-PE secondary) at 0.25 ug/10⁶ cells. A shift is seen in only a small percentage of cells.



Flow Cytometry: QA1b Antibody (6A8.6F10.1A6) - Azide Free [NBP2-26667] - Analysis using the Biotin conjugate of NBP2-26649. Staining of resting and ConA activated (5 ug/mL for 72 hr) BALB/C splenocytes using 0.5 ug of Qa-1b biotinylated antibody. CD3 positive cells were gated. Streptavidin - PE (SA-PE) was used as secondary antibody. a) SA-PE resting cells. b) SA-PE ConA activated cells. c) Qa-1b resting cells. d) Qa-1b ConA activated cells.





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Products Related to NBP2-26667-0.1mg

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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

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