

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

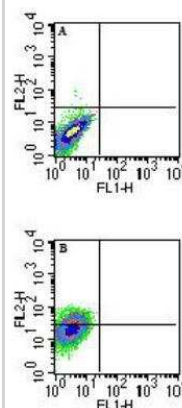
Host	Mouse
Gene ID	15040
Gene Symbol	QA1b
Species	Human, Mouse
Immunogen	Animals were immunized with a synthetic peptide from the alpha-2 domain of Qa-1b. Qa-1 is a Class Ib molecule recognized by cytotoxic T cells and natural killer cells. Spleen cells were fused with P3X63Ag8.653 myeloma cells. The antibody reacts with the Qa-1b Class Ib molecule.

Product Application Details

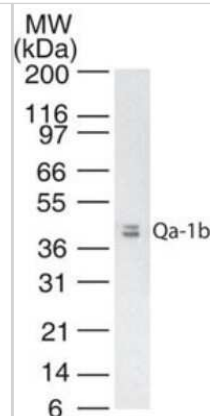
Applications	Western Blot, Flow Cytometry, CyTOF-ready
Recommended Dilutions	Western Blot 1-2 ug/ml, Flow Cytometry 1ul/1 million cells, CyTOF-ready

Images

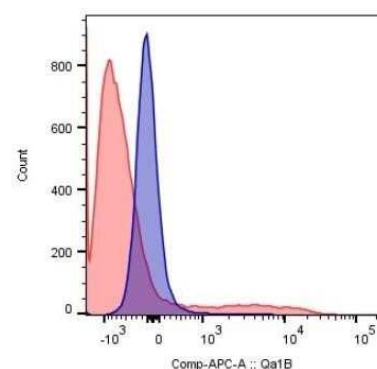
Flow Cytometry: QA1b Antibody (6A8.6F10.1A6) - Azide Free [NBP2-26667] - QA1b Antibody (6A8.6F10.1A6) [Azide Free] [NBP2-26667] - Analysis of Qa-1b in 72 hour ConA-stimulated Balb/c mouse splenocytes using A) isotype control and B) NBP2-26649 (with an anti-mouse IgG1-PE secondary) at 0.25 ug/10⁶ cells.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



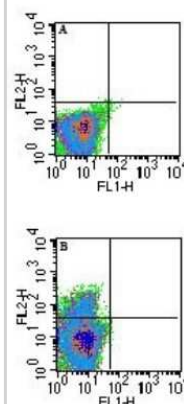
Western Blot: QA1b Antibody (6A8.6F10.1A6) - Azide Free [NBP2-26667] - analysis of Qa-1b in mouse thymus tissue lysate using NBP2-26667 at 2 ug/ml.



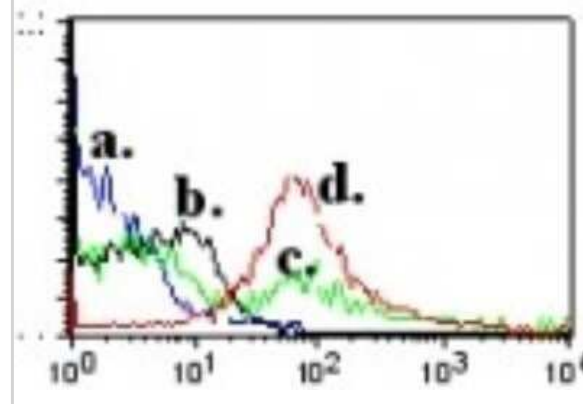
Flow Cytometry: QA1b Antibody (6A8.6F10.1A6) - Azide Free [NBP2-26667] - Experimental autoimmune encephalomyelitis was induced in C57BL6/J mice, and cells from central nervous system (brain+spinal cord) were isolated when the animals were at the peak of the disease. Cells were stained for QA1b, CD8, 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/10^6 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

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-26650	QA1b Antibody (6A8.6F10.1A6) [Biotin]

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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