

Product Datasheet

QA1b Antibody (6A8.6F10.1A6) - BSA Free NBP2-26649

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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NBP2-26649

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

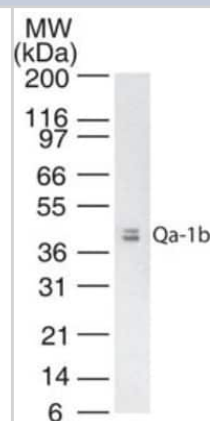
| Product Information | |
|---------------------|--|
| Unit Size | 0.1 mg |
| Concentration | 1.0 mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | 6A8.6F10.1A6 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 Kappa |
| Purity | Protein G purified |
| Buffer | 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. |

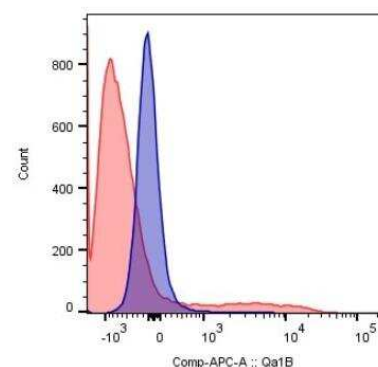
| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, Flow Cytometry, Immunoprecipitation, Neutralization |
| Recommended Dilutions | Western Blot 1 - 2 ug/mL, Flow Cytometry 1:10 - 1:1000, Immunoprecipitation, Neutralization |

Images

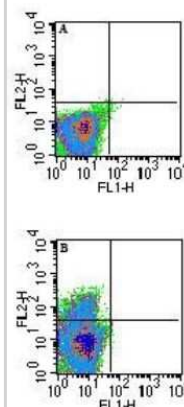
Western Blot: QA1b Antibody (6A8.6F10.1A6) [NBP2-26649] - Analysis of QA1b in mouse thymus tissue lysate using NBP2-26649 at 2 ug/mL.



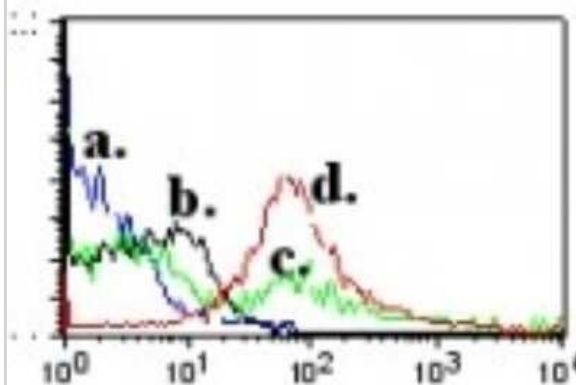
Flow Cytometry: QA1b Antibody (6A8.6F10.1A6) [NBP2-26649] - Experimental autoimmune encephalomyelitis was induced in C57BL6/J mice, and cells from central nervous system (brain+spinal cord) were isolated when the animals were at the peak of the disease. Cells were stained for QA1b, CD8, CD4, TNF, IFN γ , 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.



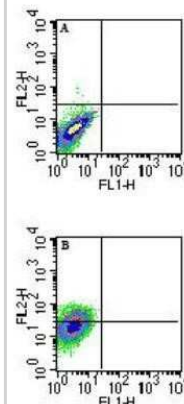
Flow Cytometry: QA1b Antibody (6A8.6F10.1A6) [NBP2-26649] - Analysis of QA1b in unstimulated Balb/c mouse splenocytes using A) isotype control and B) NBP2-26649 (with an anti-mouse IgG1-PE secondary) at 0.25 μ g/ 10^6 cells. A shift is seen in only a small percentage of cells.



Flow Cytometry: QA1b Antibody (6A8.6F10.1A6) [NBP2-26649] - Analysis using the Biotin conjugate of NBP2-26649. Staining of resting and ConA activated (5 μ g/mL for 72 hr) BALB/C splenocytes using 0.5 μ g 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.



Flow Cytometry: QA1b Antibody (6A8.6F10.1A6) [NBP2-26649] - 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 μ g/ 10^6 cells. A shift is seen in the entire population of cells Image using the Azide Free form of this antibody.



Publications

Brownlie D, Doughty-Shenton D, Yh Soong D, et al. Metastasis-associated macrophages constrain antitumor capability of natural killer cells in the metastatic site at least partially by membrane bound transforming growth factor β Journal for immunotherapy of cancer 2021-01-01 [PMID: 33472858] (FLOW, Mouse)



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Products Related to NBP2-26649

| | |
|------------------|---|
| 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) |
| NBP2-26649APC | QA1b Antibody (6A8.6F10.1A6) [Allophycocyanin] |

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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