

# Product Datasheet

## TACI/TNFRSF13B/CVID Antibody (8F10) - Azide and BSA Free NBP1-97618

Unit Size: 0.05 mg

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

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**NBP1-97618**

TACI/TNFRSF13B/CVID Antibody (8F10) - Azide and BSA Free

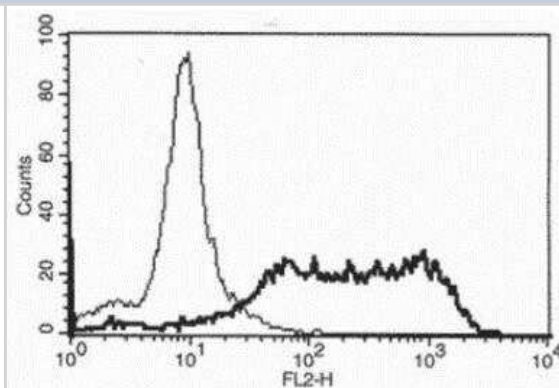
| Product Information |  |
|---------------------|--|
| Unit Size           | 0.05 mg  |
| Concentration       | 1.0 mg/ml  |
| Storage             | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality           | Monoclonal   |
| Clone               | 8F10   |
| Preservative        | No Preservative  |
| Isotype             | IgG2a  |
| Purity              | Protein G purified   |
| Buffer              | PBS  |

| Product Description |                                      |
|---------------------|--------------------------------------|
| Host                | Rat                                  |
| Gene ID             | 23495                                |
| Gene Symbol         | TNFRSF13B                            |
| Species             | Mouse                                |
| Reactivity Notes    | Recognizes Mouse TACI.               |
| Immunogen           | Rat RBL cells expressing mouse TACI. |

| Product Application Details |   |
|-----------------------------|---|
| Applications                | Flow Cytometry, Functional, Immunohistochemistry, Immunohistochemistry-Frozen                                   |
| Recommended Dilutions       | Flow Cytometry 1:10-1:1000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500, Functional |
| Application Notes           | Functional Application (inhibition).  |

**Images**

Flow Cytometry: BAFF/BLyS/TNFSF13B Antibody (8F10) [NBP1-97618] - HEK 293T cells were mock transfected (thin line) or transfected with an expression plasmid enabling surface expression of the extracellular domain of mouse TACI (thick line). Cells ( $5 \times 10^5$ ) were incubated on ice for 30 min in 50  $\mu$ l FACS buffer (PBS, 5% Fetal calf serum, 0.02% azide) containing 1  $\mu$ g/ml of rat anti-mTACI 8F10 MAbs. After washing in FACS buffer, R-PE-conjugated antibody to rat IgG was added. Cells were incubated on ice for 30 min, washed and then analyzed by flow cytometry.



## Publications

Diaz-de-Durana Y, Mantchev GT, Bram RJ et al. TACI-BLyS signaling via B-cell-dendritic cell cooperation is required for naive CD8+ T-cell priming in vivo. *Blood*. 2006-01-01 [PMID: 16195331]

Huntington ND, Xu Y, Puthalakath H et al. CD45 links the B cell receptor with cell survival and is required for the persistence of germinal centers. *Nat Immunol*. 2006-02-01 [PMID: 16378097]

Ng LG, SutherlAP, Newton R et al. B cell-activating factor belonging to the TNF family (BAFF)-R is the principal BAFF receptor facilitating BAFF costimulation of circulating T and B cells. *J Immunol*. 2004-07-01 [PMID: 15240667]

Batten M, Fletcher C, Ng LG et al. TNF deficiency fails to protect BAFF transgenic mice against autoimmunity and reveals a predisposition to B cell lymphoma. *J Immunol*. 2004-01-01 [PMID: 14707051]





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|                  |   |
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| HAF005           | Goat anti-Rat IgG Secondary Antibody [HRP]                |
| NBP1-75398       | Goat anti-Rat IgG (H+L) Secondary Antibody (Pre-adsorbed) |
| NBP2-21947-0.1mg | Rat IgG2a Isotype Control (2A3)                           |
| NBP2-61308-5ug   | Recombinant Human TACI/TNFRSF13B/CVID Protein             |

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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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