

ARG42458
anti-CD268 / BAFF R antibody [11C1]Package: 100 µg
Store at: -20°C

Summary

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|---------------------|---|
| Product Description | Mouse Monoclonal antibody [11C1] recognizes CD268 / BAFF R |
| Tested Reactivity | Hu |
| Tested Application | FACS, IHC-Fr, IHC-P |
| Specificity | The mouse monoclonal antibody 11C1 recognizes an extracellular epitope of CD268 / BAFF R (B cell-activating factor receptor), a 19 kDa type III transmembrane protein expressed on resting B cells and CD4-positive T cells, but down regulated after activation. |
| Host | Mouse |
| Clonality | Monoclonal |
| Clone | 11C1 |
| Isotype | IgG1, kappa |
| Target Name | CD268 / BAFF R |
| Species | Human |
| Immunogen | Human CD268-transfected murine L1.2 cells. |
| Conjugation | Un-conjugated |
| Alternate Names | CD antigen CD268; BROMIX; BAFF-R; CD268; Tumor necrosis factor receptor superfamily member 13C; BAFF receptor; BAFFR; B-cell-activating factor receptor; prolixin; CVID4; BlyS receptor 3 |

Application Instructions

| Application table | Application | Dilution |
|-------------------|--|-----------------|
| | FACS | 1 - 4 µg/ml |
| | IHC-Fr | Assay-dependent |
| | IHC-P | Assay-dependent |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |

Properties

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|---------------------|---|
| Form | Liquid |
| Purification | Purification with Protein A. |
| Buffer | PBS and 15 mM Sodium azide. |
| Preservative | 15 mM Sodium azide |
| Concentration | 1 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated |

freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

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|------------------------------|---|
| Gene Symbol | TNFRSF13C |
| Gene Full Name | tumor necrosis factor receptor superfamily, member 13C |
| Background | B cell-activating factor (BAFF) enhances B-cell survival in vitro and is a regulator of the peripheral B-cell population. Overexpression of Baff in mice results in mature B-cell hyperplasia and symptoms of systemic lupus erythematosus (SLE). Also, some SLE patients have increased levels of BAFF in serum. Therefore, it has been proposed that abnormally high levels of BAFF may contribute to the pathogenesis of autoimmune diseases by enhancing the survival of autoreactive B cells. The protein encoded by this gene is a receptor for BAFF and is a type III transmembrane protein containing a single extracellular cysteine-rich domain. It is thought that this receptor is the principal receptor required for BAFF-mediated mature B-cell survival. [provided by RefSeq, Jul 2008] |
| Function | B-cell receptor specific for TNFSF13B/TALL1/BAFF/BLyS. Promotes the survival of mature B-cells and the B-cell response. [UniProt] |
| Calculated Mw | 19 kDa |
| Cellular Localization | Membrane; Single-pass type III membrane protein. [UniProt] |