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AM26519FC-N Monoclonal Antibody to CD268 / BAFFR - FITC

Alternate names: B cell-activating factor receptor, BAFF receptor, BAFF-R, BLyS receptor 3, BR3, TNFRSF13C, Tumor necrosis factor receptor superfamily member 13C

Quantity: 0.1 ml

Concentration: 0.5 mg/ml

Background: BAFF (B cell-activating factor belonging to the TNF family) is a membrane protein expressed by dendritic cells, monocytes, macrophages, follicular dendritic cells, activated T cells, activated neutrophils, and malignant B cells. BAFF, also known as BLyS (B lymphocyte stimulator), is a potent B cell growth factor. Proteolytic cleavage can result in the release of a soluble trimeric BAFF which binds to the BAFF-R/BR3, BCMA and TACI. BAFF-R/BR3 is the principal receptor for B cell survival and responses induced by BAFF.

Uniprot ID: Q96RJ3

NCBI: NP_443177.1

GeneID: 115650

Host / Isotype: Mouse / IgG2a

Clone: 8A7

Immunogen: Human CD268/BAFF-R/BR3 transfectant

Format:
State: Liquid Ig fraction
Purification: Protein A agarose
Buffer System: PBS
Preservatives: 0.09% Sodium Azide
Stabilizers: 1% BSA
Label: FITC

Applications:
Flow Cytometry: 10 µg/ml (final concentration).
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity: This antibody reacts with human CD268/BAFF-R/BR3.

Add. Information: This product was originally produced by MBL International.

Storage: Store undiluted at 2-8 °C.
Shelf life: one year from despatch.

General Readings:
1. Nakamura, N., et al., Virchows Arch, 447, 53-60 (2005).
2. Mackay, F., et al., Annu. Rev. Immunol. 21, 231-264 (2004).

Pictures:

Flow cytometric analysis of BAFF-R/BR3 expression on BAFF-R/BR3 transfected cells (right) and parental cells (left). Open histogram indicate the reaction of isotypic control to the cells. Shaded histograms indicate the reaction of AM26519FC-N to the cells.