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30-2603: Anti-Human CD268 Antibody (Clone: 11C1)

Clonality: Monoclonal

Clone Name: 11C1

Application : FACS , IHC(P), IHC(F)

Reactivity: Human

Gene: TNFRSF13C

Gene ID: 115650

Format: Purified

Alternative Name: TNFRSF13C, BAFFR, CVID4, BAFF-R, BROMIX, prolixin,TNF receptor superfamily member 13C

Isotype: Mouse IgG1 kappa

Immunogen Information: human CD268-transfected murine L1.2 cells

Description

CD268 / BAFF R is a TNFR family receptor that binds the B-cell-activating factor (CD257 / BAFF). Splice variants of CD268 have been observed both in man and mouse. A naturally occurring mutation of CD268 in A/WySnJ mice is associated with low number of mature B cells, but with normal B cell precursors. The role of BAFF in B-cell survival and activation make CD268 a potential diagnostic reagent. It may be involved in survival of B-cell malignancies. Experimental administration of a CD268-Fc fusion protein suppresses antibody responses. In T cells the CD268 costimulates their activation and proliferation. Defects in CD268 cause the common variable immunodeficiency 4 (CVID4).

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.

Product Info

Amount: 0.1 mg

Purification : Purified by protein-A affinity chromatography

Content:

Formulation: Phosphate buffered saline (PBS) solution with 15 mM sodium azide

Storage condition : Store at 2-8°C. Do not freeze.