

Datasheet for ABIN7013980
anti-TNFRSF13C antibody (FITC)

2 Images

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Overview

Quantity:	100 tests
Target:	TNFRSF13C
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TNFRSF13C antibody is conjugated to FITC
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	human CD268-transfected murine L1.2 cells
Clone:	11C1
Isotype:	IgG1 kappa
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.
Purification:	Purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.

Target Details

Target:	TNFRSF13C
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Target Details

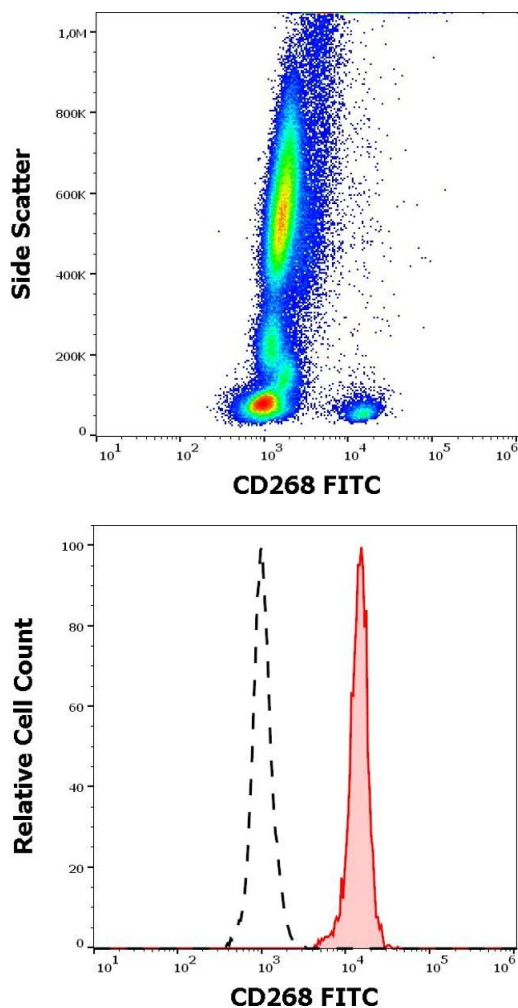
Alternative Name:	CD268 (TNFRSF13C Products)
Background:	TNF receptor superfamily member 13C,CD268 / BAFF R is a TNFR family receptor that binds the B-cell-activating factor (CD257 / BAFF). Splice variants of CD268 have been observed both in man and mouse. A naturally occurring mutation of CD268 in A/WySnJ 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),TNFRSF13C, BAFFR, CVID4, BAFF-R, BROMIX, prolixin
Gene ID:	115650
UniProt:	Q96RJ3
Pathways:	NF-kappaB Signaling

Application Details

Application Notes:	Flow cytometry: The reagent is designed for analysis of human blood cells using 4 µL reagent / 100 µL of whole blood or 10 ⁶ cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.
Restrictions:	For Research Use only

Handling

Buffer:	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.



Flow Cytometry

Image 1. Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD268 (11C1) FITC antibody (10 μ L reagent / 100 μ L of peripheral whole blood).

Flow Cytometry

Image 2. Separation of human CD268 positive lymphocytes (red-filled) from CD268 negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) stained using anti-human CD268 (11c1) FITC antibody (10 μ L reagent / 100 μ L of peripheral whole blood).