

CD268 (BAFF Receptor) Monoclonal Antibody (8A7), eBioscience™

Product Details	
Size	100 µg
Species Reactivity	Human
Published Species	Human
Host/Isotype	Mouse / IgG2a, kappa
Class	Monoclonal
Type	Antibody
Clone	8A7
Conjugate	Unconjugated
Form	Liquid
Concentration	0.5 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	0.09% sodium azide
Storage conditions	4° C
RRID	AB_468577

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-Dependent	2 Publications
Immunohistochemistry (IHC)	Assay-Dependent	-
Flow Cytometry (Flow)	0.25 µg/test	6 Publications

Product Specific Information

Description: The 8A7 monoclonal antibody reacts with the human BAFF receptor, also known as B lymphocyte stimulator (BLyS protein) receptor, which is expressed on B cells. The ligand for this receptor, BAFF (B cell-activating factor of the TNF family) is a B cell survival factor and regulates CD21/35 and CD23 expression. Interaction of this ligand with its receptor causes elevated CD21/35 and CD23 expression, whereas receptor blockade has been shown to down-modulate expression.

Applications Reported: The 8A7 antibody has been reported for use in flow cytometric analysis, immunoblotting (WB), and immunohistochemical staining. It has also been reported for use in functional assays. (Please use Functional Grade purified 8A7, cat. 16-9117, in functional assays.).

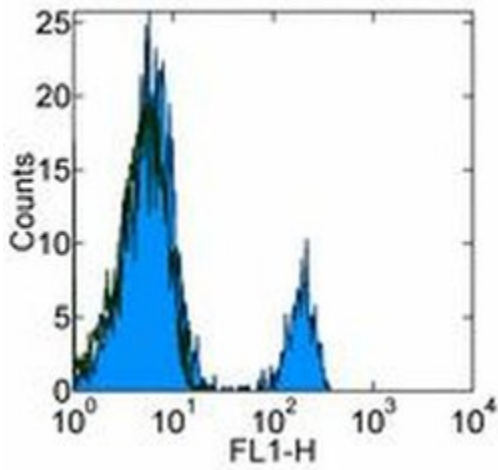
Applications Tested: The 8A7 antibody has been tested by flow cytometric analysis of normal human peripheral blood cells. This can be used at less than or equal to 0.25 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Purity: Greater than 90%, as determined by SDS-PAGE.

Aggregation: Less than 10%, as determined by HPLC.

Filtration: 0.2 µm post-manufacturing filtered.

Product Images For CD268 (BAFF Receptor) Monoclonal Antibody (8A7), eBioscience™



CD268 (BAFF Receptor) Antibody (14-9117-82) in Flow

Staining of normal human peripheral blood cells with Mouse IgG2a K Isotype Control Purified (Product # 14-4724-82) (open histogram) or Anti-Human CD268 (BAFF Receptor) Purified (filled histogram) followed by Anti-Mouse IgG FITC (Product # 11-4011-85). Cells in the lymphocyte gate were used for analysis.

[View more figures on thermofisher.com](http://thermofisher.com)

Western Blot (2)

BMC nephrology

BAFF promotes proliferation of human mesangial cells through interaction with BAFF-R.

Authors: Zheng N,Wang D,Ming H,Zhang H,Yu X

Species
Human

Dilution
Not Cited

Year
2015

Cancer research

A functional receptor for B-cell-activating factor is expressed on human acute lymphoblastic leukemias.

"Published figure using CD268 (BAFF Receptor) monoclonal antibody (Product # 14-9117-82) in Flow Cytometry"

Authors: Parameswaran R,Müschen M,Kim YM,Groffen J,Heisterkamp N

Species
Not Applicable

Dilution
Not Cited

Year
2010

Flow Cytometry (6)

BMC endocrine disorders

Altered expression profile of BAFF receptors on peripheral blood B lymphocytes in Graves' disease.

"Published figure using CD268 (BAFF Receptor) monoclonal antibody (Product # 14-9117-82) in Flow Cytometry"

Authors: Wang X,Huang J,Zhang A,Fang C,Ma Q,Jiang P

Species
Not Applicable

Dilution
Not Cited

Year
2021

Scientific reports

Type I Interferon Potentiates IgA Immunity to Respiratory Syncytial Virus Infection During Infancy.

"Published figure using CD268 (BAFF Receptor) monoclonal antibody (Product # 14-9117-82) in Flow Cytometry"

Authors: Hijano DR,Siefker DT,Shrestha B,Jaligama S,Vu LD,Tillman H,Finkelstein D,Saravia J,You D,Cormier SA

Species
Not Applicable

Dilution
Not Cited

Year
2018

[View more Flow references on thermofisher.com](#)

More applications with references on thermofisher.com

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