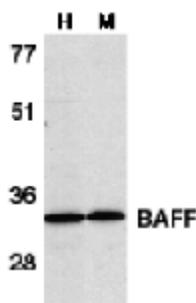


Anti-CD257 (BAFF, BLYS) Purified

Catalog Number: 14-6139

RUO: For Research Use Only. Not for use in diagnostic procedures.



Immunoblot analysis of reduced human HL60 cell lysate (H) and mouse spleen lysate (M) using Anti-CD257 (BAFF, BLYS) Purified (1 µg/ml) and detected using Anti-Rabbit IgG-HRP.

Product Information

Contents: Anti-CD257 (BAFF, BLYS) Purified
Catalog Number: 14-6139
Clone: Polyclonal
Host/Isotype: Rabbit IgG



Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Temperature Limitation: Store at 2-8°C.

Batch Code: Refer to vial

Use By: Refer to vial

Caution, contains Azide

Description

The BLYS (BAFF) polyclonal antibody was raised against a peptide corresponding to amino acids 254 to 269 of human BAFF. Members in the TNF superfamily regulate immune responses and induce apoptosis. A novel member in the TNF family was recently identified by several groups and designated BAFF (for B cell Activating Factor belonging to the TNF Family), BLYS (for B Lymphocyte Stimulator), TALL-1 (for TNF- and ApoL-related Leukocyte-expressed Ligand), and THANK (for TNF Homologue that Activate Apoptosis, NF-κB and c-jun N-terminal Kinase). BAFF/BLYS was characterized as a B cell activator since it induced B cell proliferation and immunoglobulin secretion. Three receptors for BAFF were identified and designated TACI, BCMA and BAFF-R. BAFF and its receptors are essential for B cell development, survival, and humoral immune responses. BAFF is involved in the development of autoimmune diseases including systemic lupus erythaematosus and rheumatoid arthritis.

Applications Reported

The BLYS (BAFF) polyclonal antibody has been reported for use in immunoblotting (WB).

Applications Tested

The BLYS (BAFF) polyclonal antibody has been tested by immunoblotting (WB) (0.25-1 µg/ml). Human HL60 cell lysate and murine spleen tissue lysate can be used as a positive control. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References

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- Mukhopadhyay A, Ni J, Zhai Y, Yu GL, Aggarwal BB. Identification and characterization of a novel cytokine, THANK, a TNF homologue that activates apoptosis, nuclear factor-kappaB, and c-Jun NH2-terminal kinase. *J Biol Chem* 1999

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Anti-CD257 (BAFF, BLyS) Purified

Catalog Number: 14-6139

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Gross JA, Johnston J, Mudri S, et al. TACI and BCMA are receptors for a TNF homologue implicated in B-cell autoimmune disease. *Nature* 2000;404:995-9

Thompson JS, Bixler SA, Qian F, et al. BAFF-R, a newly identified TNF receptor that specifically interacts with BAFF. *Science*. 2001;293:2108-11

Related Products

18-8816 Rabbit TrueBlot®: Anti-Rabbit IgG HRP

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