

BAFF-R (FL-184): sc-28988

BACKGROUND

TNF cytokine family member TALL-1 (also designated BAFF, zTNF4, THANK and BLYS) is a type II membrane protein that shares characteristics with other members of the tumor necrosis factor (TNF) cytokine family. TALL-1 has the ability to bind to three receptors, TACI, BCMA and BAFF-R, but unlike other TNF receptors, BAFF-R specifically binds only the TALL-1 ligand. The gene encoding human BAFF-R, which maps to chromosome 22q13.2, is expressed at high levels in spleen and lymph nodes and at lower levels in peripheral blood leukocytes and thymus. Expression of BAFF-R is crucial for selecting transitional B cells into the mature B cell pool.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: TNFRSF13C (human) mapping to 22q13.2.

SOURCE

BAFF-R (FL-184) is a rabbit polyclonal antibody raised against amino acids 22-184 of BAFF-R of human origin.

PRODUCT

Each vial contains 200 μ g IgG in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

STORAGE

Store at 4° C, ****DO NOT FREEZE****. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

APPLICATIONS

BAFF-R (FL-184) is recommended for detection of BAFF-R of human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunoprecipitation [1-2 μ g per 100-500 μ g of total protein (1 ml of cell lysate)], immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500) and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000).

Suitable for use as control antibody for BAFF-R siRNA (h): sc-40231, BAFF-R shRNA Plasmid (h): sc-40231-SH and BAFF-R shRNA (h) Lentiviral Particles: sc-40231-V.

Molecular Weight of BAFF-R monomer: 19 kDa.

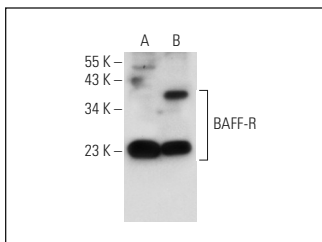
Molecular Weight of BAFF-R dimer: 40 kDa.

Positive Controls: BAFF-R (h): 293 Lysate: sc-128078.

RECOMMENDED SECONDARY REAGENTS

To ensure optimal results, the following support (secondary) reagents are recommended: 1) Western Blotting: use goat anti-rabbit IgG-HRP: sc-2004 (dilution range: 1:2000-1:100,000) or Cruz Marker™ compatible goat anti-rabbit IgG-HRP: sc-2030 (dilution range: 1:2000-1:5000), Cruz Marker™ Molecular Weight Standards: sc-2035, TBS Blotto A Blocking Reagent: sc-2333 and Western Blotting Luminol Reagent: sc-2048. 2) Immunoprecipitation: use Protein A/G PLUS-Agarose: sc-2003 (0.5 ml agarose/2.0 ml). 3) Immunofluorescence: use goat anti-rabbit IgG-FITC: sc-2012 (dilution range: 1:100-1:400) or goat anti-rabbit IgG-TR: sc-2780 (dilution range: 1:100-1:400) with UltraCruz™ Mounting Medium: sc-24941.

DATA



BAFF-R (FL-184): sc-28988. Western blot analysis of BAFF-R expression in non-transfected: sc-110760 (A) and human BAFF-R transfected: sc-128078 (B) 293 whole cell lysates.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

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Try **BAFF-R (H-1): sc-365410** or **BAFF-R (F-3): sc-365610**, our highly recommended monoclonal alternatives to BAFF-R (FL-184).