



BAFF and Receptor Detection Set

Cat. No.: PSI-1803



Ψ Specifications

SPECIES REACTIVITY:	Human
IMMUNOGEN:	Rabbit polyclonal antibodies were raised against peptides corresponding to amino acid sequences from each of the corresponding proteins.
TESTED APPLICATIONS:	IF, IHC, WB
APPLICATIONS:	These polyclonal antibodies can be used for detection of BAFF and its receptors by Western blot at 2 µg/mL to 1 µg/mL, Immunohistochemistry, and Immunofluorescence. Whole cell lysate from HepG2 cells can be used as a positive control for each antibody except BAFF-R antibody; murine spleen lysate can be used as a positive control for that.
POSITIVE CONTROL:	1) HepG2 Lysate, Cat. No. 1211
	2) Murine Spleen Lysate, Cat. No. 1406.

Ψ Properties

PURIFICATION:	Antibodies are supplied as affinity chromatography purified IgG.
PHYSICAL STATE:	Liquid
BUFFER:	PBS containing 0.02% sodium azide.
CONCENTRATION:	Antibody 1 mg/mL

STORAGE CONDITIONS:	Stable at 4 °C for three months, store at -20 °C for up to one year.
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Ψ Additional Info

USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
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Ψ Background and References

BACKGROUND:	<p>Members in the TNF superfamily regulate immune responses and induce apoptosis. Two novel members were recently identified by several groups and designated BAFF and APRIL. Both proteins stimulate B cell proliferation, humoral immune responses, NF-κB activation, and apoptosis. Two receptors, TACI and BCMA, recognize both BAFF and APRIL; a third receptor, BAFF-R, is specific for BAFF. These ligands and their receptors are involved in the development of autoimmune diseases as well as cancer.</p> <p>For images please see PDF data sheet</p>
REFERENCES:	<p>1) Moore PA, Belvedere O, Orr A, et al. BLYS: member of the tumor necrosis factor family and B lymphocyte stimulator. >Science 1999; 285:260-3.</p> <p>2) Schneider P, MacKay F, Steiner V, et al. BAFF, a novel ligand of the tumor necrosis factor family, stimulates B cell growth. J Exp Med 1999; 189:1747-56.</p> <p>3) Shu HB, Hu WH, Johnson H. TALL-1 is a novel member of the TNF family that is down-regulated by mitogens. J Leuk Biol 1999; 65:680-3.</p> <p>4) Hahne M, Kataoka T, Schroter M, et al. APRIL, a new ligand of the tumor necrosis factor family, stimulates tumor cell growth. J Exp Med. 1998; 188(6):1185-90.</p>

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