

### 32-5727: Mouse Anti Human B-cell Activating Factor (Clone:PH4C7AT.)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	PH4C7AT.
<b>Application :</b>	ELISA, WB
<b>Gene :</b>	TNFSF13B
<b>Gene ID :</b>	10673
<b>Uniprot ID :</b>	Q9Y275
<b>Format :</b>	Purified
<b>Alternative Name :</b>	BAFF, BLYS, CD257, TALL1, THANK, ZTNF4, TALL-1, TNFSF20, TNFSF13B.
<b>Isotype :</b>	Mouse IgG3 heavy chain and ? light chain.
<b>Immunogen Information :</b>	Anti-human BAFF mAb, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with Recombinant human BAFF amino acids 134-285 purified from E. coli.

#### Description

Binds to tnfrsf13b/taci and tnfrsf17/bcma. tnfsf13/april binds to the same 2 receptors, together, they form a 2 ligands -2 receptors pathway involved in the stimulation of b- and t-cell function and the regulation of humoral immunity. A third b-cell specific baffr-receptor (baffr/br3) promotes the survival of mature b-cells and the b-cell response. B Lymphocyte Stimulator functions as a potent B-cell growth factor in costimulation assays. Administration of BAFF Human recombinant to mice disrupts splenic B-cell and T-cell zones and results in elevated levels of serum immunoglobulin.

#### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	BAFF antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
<b>Content :</b>	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
<b>Storage condition :</b>	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

#### Application Note

BAFF antibody has been tested by ELISA and Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:500 ~ 1,000. Recommended starting dilution is 1:500.