



PRODUCT DATA SHEET

Product: BAFF, clone Buffy-1

Cat. No: MC-283 (100 µg)

Background:

BAFF (for B-cell activating factor belonging to the TNF family), a new member of the tumor necrosis factor (TNF) family was simultaneously identified by four different laboratories and named BAFF, TALL-1, THANK, zTNF4. It is abundantly expressed in monocytes and macrophages, upregulated by interferon γ . Endogenous BAFF is processed intracellularly by a protease of the furin family of proprotein convertases. Secreted BAFF acts as a potent B cell growth factor. Recently, two receptors for BAFF have been identified and termed as BCMA and TACI.

Specificity:

Recognizes the stalk region present in the membrane-bound form of human BAFF.

Species Reactivity:

Human, others not tested.

Ig Isotype:

Rat IgG2a

Immunogen:

Human sol. BAFF (rec., aa. 83-285)

Format:

100 µg in PBS and 0.02% sodium azide. Concentration: 1 mg/ml. Purity > 95% as determined by SDS-PAGE. The antibody was purified from concentrated hybridoma cell culture supernatant.

Storage and Stability:

Stable for at least 6 months when stored at 2 - 8°C. Do not freeze/thaw.

Applications and Suggested Dilutions:

- Flow Cytometry: optimal concentration range is 0.5-5 µg/ml.
- Western blotting

The optimal dilution for a specific application should be determined by the researcher.

Limitations:

For *in vitro* research use only. Not for use in diagnostics or in humans.

Warranty:

No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.