Datasheet for ABIN6251872

# anti-BAFF antibody

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## Overview

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| Quantity: | 100 µg |
| Target: | BAFF (TNFSF13B) |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This BAFF antibody is un-conjugated |
| Application: | Flow Cytometry (FACS), Immunofluorescence (IF) |

## Product Details

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| Immunogen: | Recombinant human BAFF protein was used as the immunogen for this BAFF antibody. |
| Clone: | C257-1638 |
| Isotype: | IgG1 |
| Purification: | Protein G affinity chromatography |

## Target Details

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| Target: | BAFF (TNFSF13B) |
| Alternative Name: | BAFF (TNFSF13B Products) |
| Background: | BAFF/BLyS/CD257 is a type II transmembrane protein, and a member of the tumor necrosis factor ligand superfamily. It is proteolytically cleaved to form a soluble protein. BAFF, like other TNF ligand family members, forms homo-trimers. The predicted molecular weight of a BAFF monomer is approximately 31 kDa. It is expressed on peripheral blood B and T lymphocytes, |

## Target Details

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| | monocytes, macrophages, and dendritic cells and is upregulated by IFN-gamma and down-regulated by PMA/ionomycin treatment. BAFF stimulates B and T cell immunity and regulates humoral immunity by binding TACI and BCMA receptors, BAFF prevents apoptosis and promotes B cell survival by binding the BAFF-specific receptor (BAFFR/BR3). |
| Gene ID: | 10673 |
| UniProt: | Q9Y275 |
| Pathways: | NF-kappaB Signaling, Production of Molecular Mediator of Immune Response |

## Application Details

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| Application Notes: | Flow Cytometry: 0.5-1 µg/million cells<br><br>IF: 1-2 µg/mL<br><br>Titering of the BAFF antibody may be required for optimal performance. |
| Restrictions: | For Research Use only |

## Handling

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| Format: | Liquid |
| Concentration: | 0.2 mg/mL |
| Buffer: | PBS with 0.1 mg/mL BSA and 0.05 % sodium azide |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Aliquot and Store at -20C. Avoid freez-thaw cycles. |