

Product Datasheet

beta 2-Microglobulin Antibody (246-E9.E7 (same as HLA.ABC.m2)) [Allophycocyanin] NBP2-47700APC

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-47700APC

beta 2-Microglobulin Antibody (246-E9.E7 (same as HLA.ABC.m2)) [Allophycocyanin]

| Product Information | |
|-----------------------------|--|
| Unit Size | 0.1 ml |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C in the dark. |
| Clonality | Monoclonal |
| Clone | 246-E9.E7 (same as HLA.ABC.m2) |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG2a Kappa |
| Conjugate | Allophycocyanin |
| Purity | Protein A or G purified |
| Buffer | PBS |
| Product Description | |
| Description | This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet. |
| Host | Mouse |
| Gene ID | 567 |
| Gene Symbol | B2M |
| Species | Human, Primate (Negative) |
| Reactivity Notes | Does not react with Non-Human primates. |
| Marker | Renal Failure & Tumor Marker |
| Specificity/Sensitivity | Recognizes a protein of 12kDa, identified as beta-microglobulin. Beta--microglobulin non-covalently associates with the 44kDa chain to form the HLA Class I antigen complex. Human beta-2 microglobulin associated with HLA Class I antigens is expressed on many types of cells including lymphocytes, thymocytes, monocytes, granulocytes, platelets, endothelial cells, and epithelial cells. It is absent on erythrocytes. This monoclonal antibody is specific to human beta-2 microglobulin and does not react with non-human primate cells. This antibody reacts with all cell types excluding erythrocytes. Detection of beta-2 microglobulin in body fluids has been used as a tumor marker and for monitoring patients with HIV infection. |
| Immunogen | Human PBL s from a T-cell acute lymphoblastic leukemia (T-ALL) patient |
| Product Application Details | |
| Applications | Flow Cytometry, CyTOF-ready, Immunofluorescence |
| Recommended Dilutions | Flow Cytometry, Immunofluorescence, CyTOF-ready |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |





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Products Related to NBP2-47700APC

| | |
|-------------------|--|
| NBP1-96981APC | Mouse IgG2a Kappa Isotype Control (M2AK) [Allophycocyanin] |
| NBP1-50840-0.01mg | Recombinant Human beta 2-Microglobulin His Protein |
| 210-TA-005 | TNF-alpha [Unconjugated] |
| KGE019 | beta 2-Microglobulin [Biotin] |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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