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36-3046: Anti-Beta-2 Microglobulin (Renal Failure & Tumor Marker) Monoclonal Antibody(Clone: 246-E9.E7; same as HLA.ABC.m2) (discontinued)

Clonality :	Monoclonal
Clone Name :	246-E9.E7; same as HLA.ABC.m2
Reactivity :	Human
Gene :	B2M
Gene ID :	567
Uniprot ID :	P61769
Alternative Name :	B2M; Beta 2 microglobin; Beta 2 microglobulin; Beta chain of MHC class I molecules; Beta-2-microglobulin form pI 5.3; Hdcma22p
Isotype :	Mouse IgG2a, kappa
Immunogen Information :	Human PBL s from a T-cell acute lymphoblastic leukemia (T-ALL) patient

Description

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 MAb 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.

Product Info

Amount :	20 µg / 100 µg
Content :	200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage condition :	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

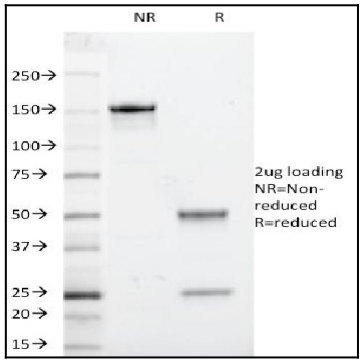


Fig. 1: SDS-PAGE Analysis Purified Beta-2-Microglobulin Mouse Monoclonal Antibody (246-E9.E7). Confirmation of Integrity and Purity of Antibody.

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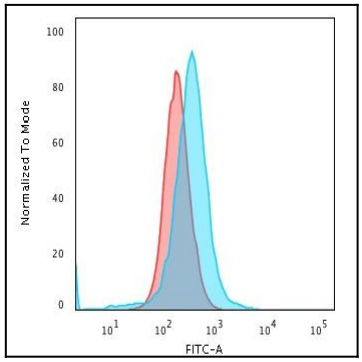


Fig. 2: Flow Cytometric Analysis of PFA-fixed HeLa cells using Beta-2-Microglobulin Mouse Monoclonal Antibody (246-E9.E7) followed by Goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red)

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