Anti-beta 2 Microglobulin Antibody [246-E9.E7] (A249746)

Specifications:

Name:	Anti-beta 2 Microglobulin Antibody [246-E9.E7]
Description:	Mouse monoclonal [246-E9.E7] antibody to beta 2 Microglobulin.
Specificity:	This antibody 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.
Reactivity:	Human
Cross Reactivity:	This antibody does not cross react with Non-Human Primates.
Immunogen:	Human PBL s from a T-cell acute lymphoblastic leukemia (T-ALL) patient.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	246-E9.E7
Isotype:	IgG2a
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This antibody is also known as Clone HLA.ABC.m2.This monoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-beta 2 Microglobulin Antibody [246-E9.E7] - BSA and Azide free (A252926).
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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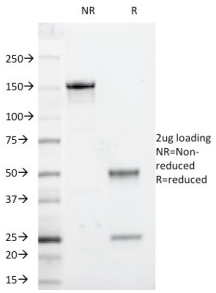
Images:



SDS-PAGE analysis of Anti-beta 2 Microglobulin Antibody [246-E9.E7] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.