

Product datasheet for **R1065HRP**

beta 2 Microglobulin (B2M) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, EM, IHC, WB
Recommended Dilution:	Suitable for Immunoblotting (Western or Dot blot), ELISA, Immunoperoxidase Electron Microscopy and Immunohistochemistry as well as other peroxidase-antibody based enzymatic assays. <i>Recommended Dilutions:</i> ELISA: 1/2,000-1/10,000. Western blot: 1/500-1/2,000. Immunohistochemistry: 1/200-1/1,000.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Beta-2-Microglobulin [Human Urine].
Specificity:	This product is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes Delipidation, Salt Fractionation and Ion Exchange Chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum as well as purified and partially purified beta-2-Microglobulin (Human Urine). Cross reactivity against beta-2-Microglobulin from other sources is unknown.
Formulation:	0.02M Potassium Phosphate, 0.15M Sodium Chloride, pH 7.2 Label: HRP State: Lyophilized purified IgG fraction Stabilizer: 10 mg/ml BSA (IgG and Protease free) Preservative: 0.01% Gentamicin Sulfate Label: Horseradish Peroxidase
Reconstitution Method:	Restore with 0.1 ml of deionized water (or equivalent).
Concentration:	lot specific
Purification:	Multistep Process
Conjugation:	HRP



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Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	beta-2-microglobulin
Database Link:	Entrez Gene 567 Human P61769
Background:	Beta 2 Microglobulin non-covalently associates with the 44 kDa alpha chain to form the HLA Class I antigen complex. Human beta 2 Microglobulin associated with HLA Class I antigens are expressed on many types of cells including lymphocytes, thymocytes, monocytes, granulocytes, platelets, endothelial cells, and epithelial cells. It is absent on erythrocytes.
Synonyms:	B2M, Beta-2 microglobulin, Beta 2 microglobulin