

Product datasheet for **R1065BS**

beta 2 Microglobulin (B2M) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA: 1/2,000-1/10,000 Western blot: 1/1,000-1/5,000 Immunohistochemistry on Paraffin or Frozen sections: 1/500-1/3,000.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Beta-2-microglobulin from Human urine
Specificity:	This antibody detects Human Beta-2-microglobulin. Cross reactivity against Beta-2-microglobulin from other sources is unknown. Immuno-electrophoresis give a single precipitin arc against anti-biotin and anti-rabbit serum as well as purified and partially purified Human b2-Microglobulin.
Formulation:	0.02M Potassium phosphate, 0.15M Sodium chloride Label: Biotin State: Lyophilized purified IgG fraction Stabilizer: 10 mg/ml BSA (immunoglobulin and protease free) Preservative: 0.01% Sodium azide
Reconstitution Method:	Restore with 0.1 ml of deionized water (or equivalent). Centrifuge product if not completely clear after standing at room temperature.
Concentration:	lot specific
Purification:	Delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer
Conjugation:	Biotin
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.



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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