

Product datasheet for **R1065HRPS**

beta 2 Microglobulin (B2M) Rabbit Polyclonal Antibody

Product data:

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| Product Type: | Primary Antibodies |
| Applications: | ELISA, IHC, WB |
| Recommended Dilution: | ELISA: 1/2,000-1/10,000 Western blot: 1/500-1/2,000 Immunohistochemistry on Paraffin or Frozen sections 1/200-1/1,000. |
| 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-peroxidase and anti-rabbit serum as well as purified and partially purified Human b2-Microglobulin. |
| Formulation: | 0.02M Potassium phosphate, 0.15M Sodium chloride Label: HRP State: Purified State: Lyophilized purified IgG fraction Stabilizer: 10 mg/ml BSA (immunoglobulin and protease free) Preservative: 0.01% (w/v) Gentamicin sulfate (Do NOT add Sodium azide!) Label: Horseradish peroxidase |
| 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: | 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 |