

Product datasheet for **AM09266HR-N**

beta 2 Microglobulin (B2M) Mouse Monoclonal Antibody [Clone ID: D2E9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	D2E9
Applications:	ELISA
Recommended Dilution:	ELISA (1/1000): Detection of beta-2 MG with matched pair antibody (Capturer, Cat#AM09263PU-N, Clone: D6D1).
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant Human Beta-2-Microglobulin.
Specificity:	This monoclonal antibody reacts recombinant Human Beta-2 MG.
Formulation:	0.01M PBS, pH 7.0 ± 0.1 in 50% Glycerol Label: HRP State: Liquid purified IgG fraction. Label: Horseradish Peroxidase
Purification:	Affinity Chromatography on Protein G.
Conjugation:	HRP
Storage:	Store the antibody (in aliquots) at -20°C. 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



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Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: Antigen processing and presentation