



Anti-B2M monoclonal antibody, clone B2M-01 [HRP] (CABT-48584MH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse anti Human beta 2 Microglobulin antibody, clone B2M-01 recognizes native beta 2 microglobulin which is a component of MHC class I molecules, which are present on all nucleated cells. Levels of beta 2 microglobulin can be used to assess renal function in kidney transplant recipients. Also known as B2M, it has been suggested that this protein can be used as a prognostic marker for HIV infection.
Specificity	BETA 2 MICROGLOBULIN
Immunogen	Purified isolated human B2-microglobulin
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	B2M-01
Conjugate	HRP
Applications	ELISA; IHC-P
Size	100 µg
Preservative	None
Storage	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	B2M beta-2-microglobulin [Homo sapiens (human)]
Official Symbol	B2M
Synonyms	B2M; beta-2-microglobulin; beta chain of MHC class I molecules; beta-2-microglobin; BETA 2 MICROGLOBULIN;
Entrez Gene ID	567
Protein Refseq	NP_004039
UniProt ID	P61769
Chromosome Location	15q21.1
Pathway	Adaptive Immune System; Amyloids; Antigen Presentation: Folding, assembly and peptide loading of class I MHC; Antigen processing and presentation; Antigen processing-Cross presentation; Class I MHC mediated antigen processing & presentation; Cytokine Signaling in Immune system; DAP12 interactions;
Function	identical protein binding; protein binding;