



Anti-B2M polyclonal antibody (CPBT-65448SH)

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

PRODUCT INFORMATION

Product Overview

This product recognises 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. This product shows minimal reactivity with related serum and urinary proteins. This antibody has not been cross-absorbed, so may react with beta 2 microglobulin from other species.

Specificity	BETA 2 MICROGLOBULIN
Immunogen	Purified beta 2 microglobulin from human urine.
Isotype	IgG
Source/Host	Sheep
Species Reactivity	Human
Conjugate	Unconjugated
Applications	IHC-Fr; ELISA
Format	Serum - liquid
Size	250 µl
Preservative	0.09% Sodium Azide
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. 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;