Product Name: **beta 2 Microglobulin Rabbit Monoclonal antibody**
Catalog #: **AMRe01721**
For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Concentration	0.15mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purified

Application

Dilution Ratio	WB 1:500-1:1000,IP 1:20-1:50
Molecular Weight	Calculated MW: 14 kDa; Observed MW: 14 kDa

Antigen Information

Gene Name	B2M
Alternative Names	B2MG; Beta 2 microglobin; Beta 2 microglobulin; Beta-2-microglobulin form pI 5.3; CDABP0092; Hdcma22p
Gene ID	567
SwissProt ID	P61769
Immunogen	A synthetic peptide of human beta 2 Microglobulin

Background

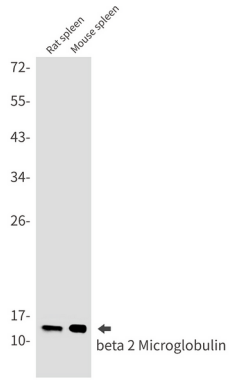
Major histocompatibility complex (MHC) class 1 molecules bind to antigens for presentation on the surface of cells. The

proteasome is responsible for producing these antigens from the components of foreign pathogens. MHC class 1 molecules consist of an a heavy chain that contains three subdomains (α1, α2, α3), and a non-covalent associating light chain, known as β-2-Microglobulin.

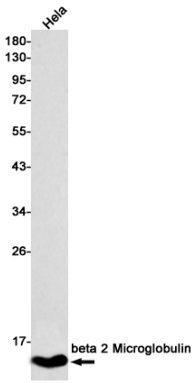
Research Area

Cardiovascular

Image Data



Western blot analysis of beta 2 Microglobulin in rat spleen, mouse spleen lysates using beta 2 Microglobulin antibody.



Western blot analysis of beta 2 Microglobulin in Hela lysates using beta 2 Microglobulin antibody.