Product Name: beta 2 Microglobulin Rabbit Monoclonal antibody
Catalog #: AMRe01721

Summary

Production Name	beta 2 Microglobulin Rabbit Monoclonal antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

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.

Application

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

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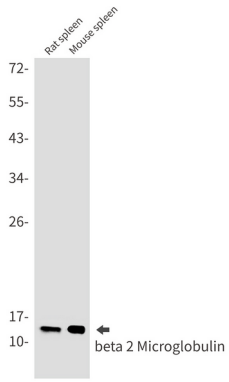
Background

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.

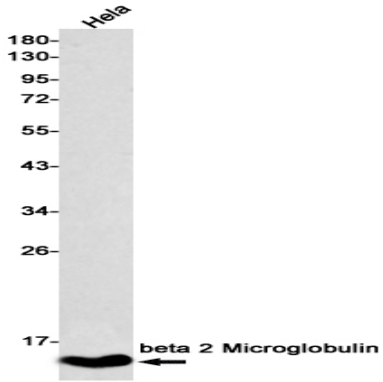
Research Area

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.

Note

For research use only.