

Product Name: beta 2 Microglobulin Rabbit Monoclonal Antibody
Catalog #: AMRe01722

Summary

Production Name	beta 2 Microglobulin Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-P,IP
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
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% protective protein
Purification	Affinity Purification

Immunogen

Gene Name	B2M
Alternative Names	B2MG; Beta 2 microglobin; Beta 2 microglobulin; Beta-2-microglobulin form pl 5.3; CDABP0092; Hdcma22p
Gene ID	567
SwissProt ID	P61769.

Application

Dilution Ratio	WB: 1:500-1:1000 IHC: 1:50-1:100 IP: 1:20
Molecular Weight	Calculated MW: 14 kDa; Observed MW: 14 kDa

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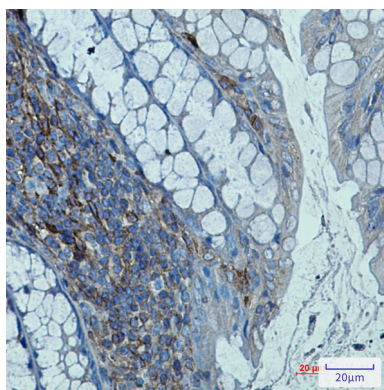
Background

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 ($\alpha 1$, $\alpha 2$, $\alpha 3$), and a non-covalent associating light chain, known as β -2-Microglobulin.

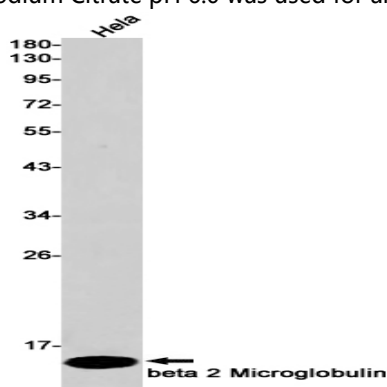
Research Area

Cardiovascular

Image Data



Immunohistochemistry analysis of paraffin-embedded mouse colon using beta 2 Microglobulin antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



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

Note

For research use only.