

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

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## Summary

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

## Performance

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

## Immunogen

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

## Application

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

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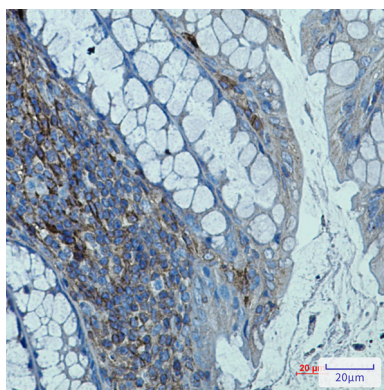
## Background

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  $\beta$ -2-Microglobulin.

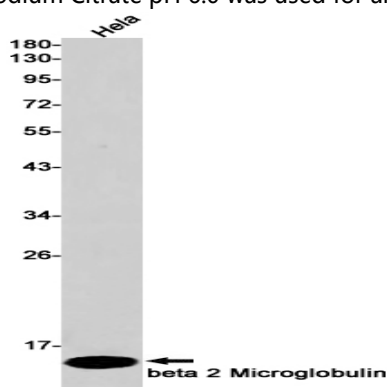
## Research Area

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.