

Datasheet for ABIN5662312

anti-beta-2 Microglobulin antibody (AA 22-119)



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5 Images

Overview

Quantity:	100 µL
Target:	beta-2 Microglobulin (B2M)
Binding Specificity:	AA 22-119
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This beta-2 Microglobulin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Beta-2-Microglobulin (b2M)
Immunogen:	Recombinant Beta-2-Microglobulin (b2M) corresponding to Gln22~Met119 with N-terminal His Tag
Clone:	A2
Isotype:	IgG Mix lambda
Specificity:	The antibody is a mouse monoclonal antibody raised against b2M. It has been selected for its ability to recognize b2M in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Protein A + Protein G affinity chromatography

Target Details

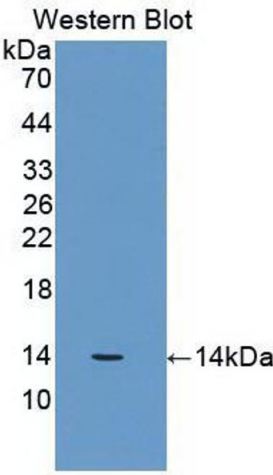
Target:	beta-2 Microglobulin (B2M)
Alternative Name:	Beta-2-Microglobulin (B2M Products)
Background:	BMG, B2MG
UniProt:	P01887
Pathways:	TCR Signaling , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

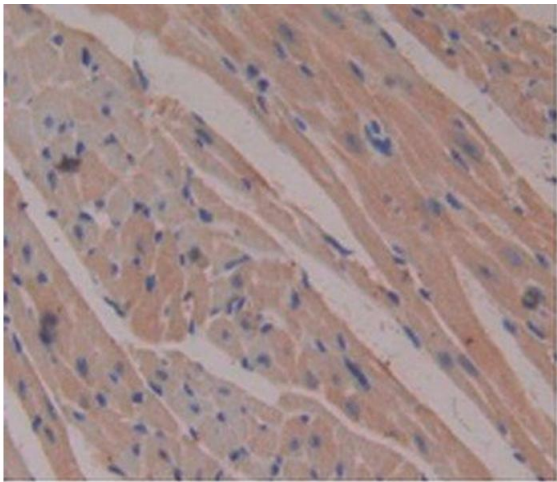
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



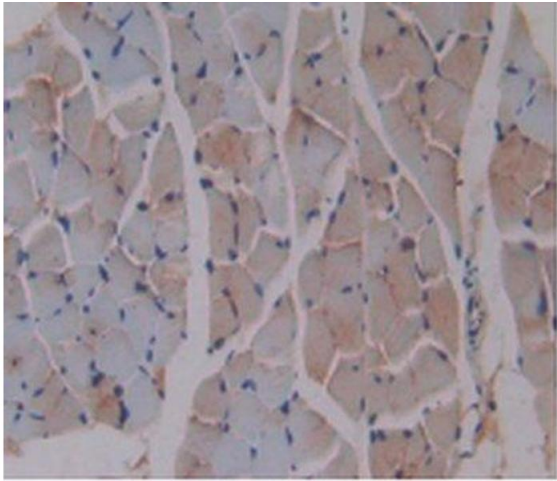
Western Blotting

Image 1. Western Blot; Sample: Recombinant protein.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. DAB staining on IHC-P Samples: Mouse Heart Tissue)



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. DAB staining on IHC-P Samples: Mouse Skeletal Muscle Tissue

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5662312.