

Mouse Beta-2-Microglobulin Monoclonal Antibody | anti-b2M antibody

Monoclonal Antibody to Beta-2-Microglobulin (b2M)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20834	Mouse	Mouse, Human, Rat	Western Blot, Immunohistochemistry, Immunocytochemistry, Immunoprecipitation

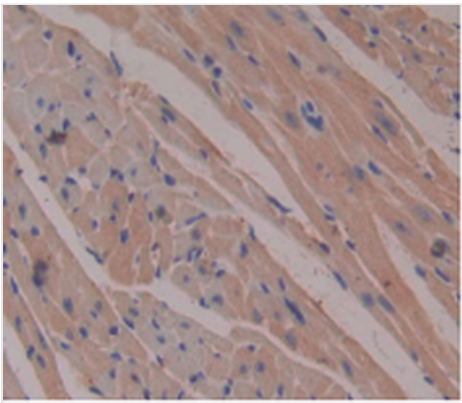
PRODUCT SYNONYMS

Beta-2-Microglobulin; Monoclonal Antibody; Monoclonal Antibody to Beta-2-Microglobulin (b2M); anti-b2M antibody

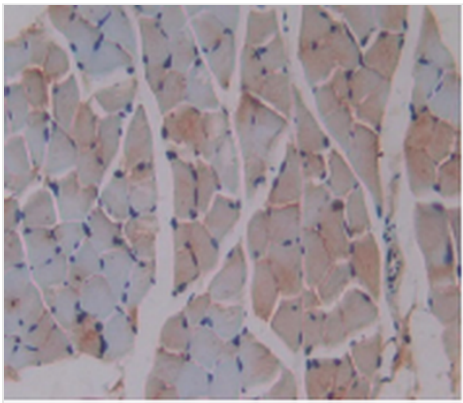
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Mouse, Human, Rat
Clonality	Monoclonal
Isotype	IgG1 Lambda
Clone Number	A2
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Concentration	0.95mg/ml (varies by lot)
Applicable Applications for anti-b2M antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IP (Immunoprecipitation)
Application Notes	Western blotting: 0.5-2ug/mL Immunohistochemistry: 5-20ug/mL Immunocytochemistry: 5-20ug/mL Optimal working dilutions must be determined by end user.
Source	Monoclonal antibody preparation
Traits	Liquid
Cross Reactivity	Human, Rat
Immunogen	Recombinant b2M (Gln22~Met119) expressed in E.coli
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 24 months. Stability Test: 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 degree 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.

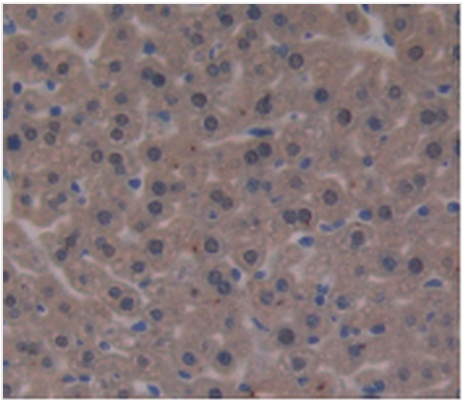
IMAGES



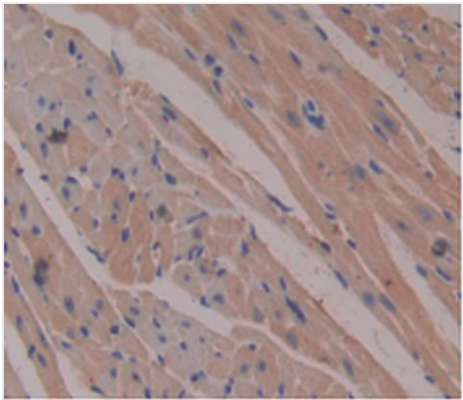
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Mouse Heart Tissue



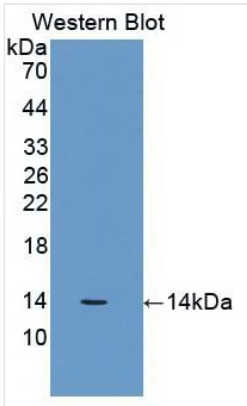
IHC (Immunohistochemistry)
DAB staining on IHC-P Samples: Mouse Skeletal Muscle Tissue



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Mouse Liver Tissue



IHC (Immunohistochemistry)
DAB staining on IHC-P Samples: Mouse Heart Tissue



WB (Western Blot)
Sample: Human Urine;Primary Ab: 1ug/ml Mouse Anti-Mouse b2M AntibodySecond Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody (Western Blot)

NCBI AND UNIPROT INFORMATION

NCBI GI #	31981890
NCBI GeneID	12010
NCBI Accession #	NP_033865.2
NCBI GenBank Nucleotide #	NM_009735.3
UniProt Accession #	P01887; Q91XJ8

NCBI Official Full Name	beta-2-microglobulin
NCBI Official Synonym Full Names	beta-2 microglobulin
NCBI Official Symbol	B2m
NCBI Official Synonym Symbols	Ly-m11; beta2m; beta2-m
NCBI Protein Information	beta-2-microglobulin
UniProt Protein Name	Beta-2-microglobulin
UniProt Gene Name	B2m

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/beta-2-microglobulin-antibody-clone-a2-western-blot-immunohistochemistry-immunocytochemistry-immunoprecipitation-elisa/20834>