

Mouse anti-Mouse, Rat Beta2Microglobulin (b2M) Monoclonal Antibody | anti-b2M antibody

Monoclonal Antibody to Beta2Microglobulin (b2M)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA151518	Mouse	Mouse, Rat	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

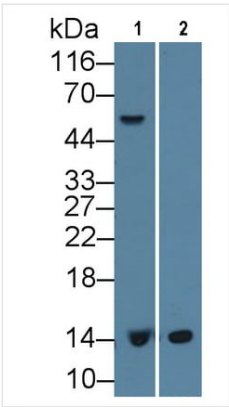
PRODUCT SYNONYMS

Beta2Microglobulin (b2M); Monoclonal Antibody; Monoclonal Antibody to Beta2Microglobulin (b2M); b2M/Beta2Microglobulin; BMG; B2MG; anti-b2M antibody

PRODUCT SPECIFICATIONS

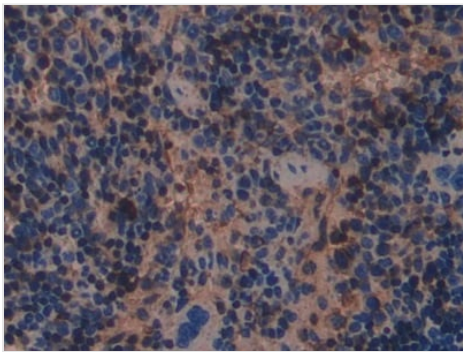
Host	Mouse
Reactivity	Mouse, Rat
Clonality	Monoclonal
Clone Number	A7
Specificity	The antibody is a mouse monoclonal antibody raised against b2M. It has been selected for its ability to recognize b2M in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid; 0.01M PBS, pH7.4, containing 0.05% Proclin300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-b2M antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Prokaryotic Recombinant proteins/RP
Sequence of Immunogen	Gln22~Met119
Conjugation	Unconjugated
Preparation and Storage	Store at 2 degree C to 8 degree C for frequent use, 20 degree C for 24 months 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 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



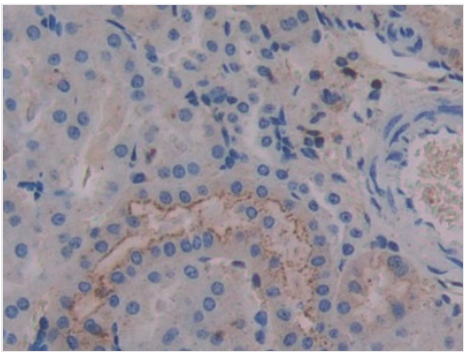
WB (Western Blot)

Western Blot Sample: Lane1: Rat Serum; Lane2: Rat Spleen lysate Primary Ab: 1ug/ml Mouse AntiMouse b2M Antibody Second Ab: 0.2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)



IHC (Immunohiostchemistry)

DAB staining on IHCP;Sample: Mouse Spleen Tissue; Primary Ab: 30ug/ml Mouse AntiMouse b2M AntibodySecond Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody(Catalog: SAA544Mu19)



IHC (Immunohistochemistry)

DAB staining on IHCP; Sample: Mouse Kidney Tissue; Primary Ab: 30ug/ml Mouse AntiMouse b2M Antibody Second Ab: 2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)

ADDITIONAL INFORMATION

Product Categories/Family for anti-b2M antibody	Infection immunity; Kidney biomarker; Primary
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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
Molecular Weight	13,779 Da
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/beta2microglobulin-b2m-antibody-clone-a7-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/151518>