

Rabbit beta 2 Microglobulin Polyclonal Antibody | anti-B2M antibody

beta 2 Microglobulin antibody (HRP)

CATALOG # AAA75135	HOST Rabbit	REACTIVITY Human beta-2-macroglobulin	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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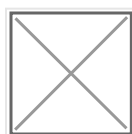
PRODUCT SYNONYMS

beta 2 Microglobulin; Polyclonal Antibody; beta 2 Microglobulin antibody (HRP); Polyclonal beta 2 Microglobulin; Anti-beta 2 Microglobulin; B2M; beta Microglobulin-2; beta Microglobulin 2; beta 2 microglobulin precursor; beta chain of mhc class 1 proteins; Hdcma22p; anti-B2M antibody

PRODUCT SPECIFICATIONS

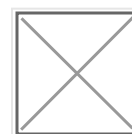
Host	Rabbit
Reactivity	Human beta-2-macroglobulin
Clonality	Polyclonal
Specificity	Human beta-2-macroglobulin
Purity/Purification	Beta 2 Microglobulin antibody (HRP) was purified by ion exchange chromatography followed by dialysis.
Form/Format	Lyophilized from 0.02M K3PO4, pH 7.2, with 0.15M NaCl, 10 mg/ml BSA and 0.01% gentamycin sulfate. DO NOT add NaN3. Immunoglobulin and protease free.
Sequence Length	119
Applicable Applications for anti-B2M antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Tag/Conjugate	HRP
Immunogen	Beta-2 microglobulin antibody (HRP) was raised in rabbit using beta-2-microglobulin from human urine as the immunogen.
Preparation and Storage	Store at 4 degree C until reconstitution. Following reconstitution aliquot and freeze at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.

IMAGES



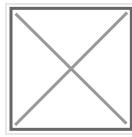
WB (Western Blot)

Western Blot of Peroxidase conjugated beta 2 Microglobulin primary antibody. Lane 1: beta 2 Microglobulin. Lane 2: None. Load: 50 ng per lane. None. Peroxidase rabbit secondary antibody at 1:1,000 for 60 min at RT. Blocking: Blocking buffer for 30 min at RT. Size: 12 kDa, 12 kDa for Beta-2-Microglobulin..



IF (Immunofluorescence)

Tissue: Human Embryonic Kidney cells (HEK 293 cells). Fixation: 2% paraformaldehyde for 15 minutes. beta 2 Microglobulin antibody at 1:200 for overnight at 4 deg C. Donkey anti-rabbit secondary antibody conjugated with Alexa Fluor 488 fluorochrome at 1:1,000 for 45 min at RT. Localization: beta 2 microglobulin is mainly on the cell surface and occasionally cytoplasmic. Staining: beta 2 microglobulin as green fluorescent signal.



IHC (Immunohistochemistry)

Tissue: normal human skin. Fixation: formalin fixed paraffin embedded. Left panel: isotype control, Right panel: beta 2 Microglobulin antibody at 1 ug/ml for 20 min at RT. Peroxidase rabbit secondary antibody at 1:10,000 for 45 min at RT. Localization: beta 2 Microglobulin is cell membrane (and to lesser amount cytoplasmatic compartment). Staining: beta 2 Microglobulin as brown with diaminobenzidine and with a hematoxylin purple counterstain.

ADDITIONAL INFORMATION

Related Product Information for anti-B2M antibody	Rabbit polyclonal beta 2 Microglobulin antibody (HRP) conjugated
Product Categories/Family for anti-B2M antibody	Immunology ; Conjugated Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	179318
NCBI GeneID	567
UniProt Accession #	P61769 ; P01884 ; Q540F8 ; Q6IAT8 ; Q9UCK0 ; Q9UD48 ; Q9UDF4
Molecular Weight	13,715 Da
NCBI Official Full Name	beta-2-microglobulin
NCBI Official Synonym Full Names	beta-2-microglobulin
NCBI Official Symbol	B2M
NCBI Protein Information	beta-2-microglobulin
UniProt Protein Name	Beta-2-microglobulin
UniProt Gene Name	B2M
UniProt Entry Name	B2MG_HUMAN

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/polyclonal/beta-2-microglobulin-antibody-western-blot-immunohistochemistry-elisa/75135>