

Mouse anti-Human beta2-Microglobulin Monoclonal Antibody | anti-B2M antibody

Anti-Hu beta2-Microglobulin HRP

CATALOG # AAA128425	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

beta2-Microglobulin; Monoclonal Antibody; Anti-Hu beta2-Microglobulin HRP; beta-2-microglobulin; B2M; anti-B2M antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	B2M-01
Specificity	The mouse monoclonal antibody B2M-01 reacts with beta2-microglobulin (beta2M; extracellular antigen), associated with cell-surface MHC Class I molecules and other membrane antigens, as well as it reacts with soluble beta2-microglobulin. Beta2M is a 12 kDa Ig like glycoprotein expressed on lymphocytes, thymocytes, monocytes, granulocytes, platelets, endothelial cells and epithelial cells. It is absent on erythrocytes.
Purity/Purification	The purified antibody is conjugated with horseradish peroxidase (HRP) of high specific activity and RZ=3.
Form/Format	Stabilizing phosphate buffered saline (PBS) solution containing thimerosal (0.01%)
Concentration	1 mg/ml (varies by lot)
Sequence Length	119
Applicable Applications for anti-B2M antibody	ELISA, WB (Western Blot)
Immunogen	Purified human beta2-microglobulin
Negative Species	Rabbit, Dog, Mouse, Cow, Chicken
Conjugation	HRP
Preparation and Storage	Store in the dark at 2-8 degree C. Do not freeze. Avoid prolonged exposure to light.

ADDITIONAL INFORMATION

Related Product Information for anti-B2M antibody	Beta2-microglobulin non-covalently associates with the 44 kDa alpha chain to forms the HLA Class I antigen complex. Human beta2-microglobulin associated with HLA Class I antigens is expressed on many types of cells including lymphocytes, thymocytes, monocytes, granulocytes, platelets, endothelial cells, and epithelial cells. It is absent on erythrocytes.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	48428791
NCBI GeneID	567
UniProt Accession #	P61769

NCBI Official Full Name	Beta-2-microglobulin
NCBI Official Synonym Full Names	beta-2-microglobulin
NCBI Official Symbol	B2M
NCBI Official Synonym Symbols	IMD43
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/monoclonal/beta2-microglobulin-antibody-clone-b2m-01-western-blot-elisa/128425>