

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

Anti-Hu beta2-Microglobulin Biotin

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128426	Mouse	Pig, Human	Flow Cytometry, Functional Assay, ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Pig, Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	B2M-02
Specificity	The mouse monoclonal antibody B2M-02 reacts with beta2-microglobulin (beta2M), an 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 biotin-LC-NHS under optimum conditions. The reagent is free of unconjugated biotin.
Form/Format	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	119
Applicable Applications for anti-B2M antibody	FCM/FACS (Flow Cytometry), ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified isolated human beta2-microglobulin.
Conjugation	Biotin
Preparation and Storage	Store at 2-8 degree C.

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.
---	--

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/beta2-microglobulin-antibody-clone-b2m-02-flow-cytometry-immunohistochemistry-western-blot-elisa/128426>