

beta-2-microglobulin (aa65-79) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3769a**Specification**

beta-2-microglobulin (aa65-79) Antibody (internal region) - Product Information

Application	WB, E
Primary Accession	P61769
Other Accession	NP_004039.1 , 567
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	13715

beta-2-microglobulin (aa65-79) Antibody (internal region) - Additional Information**Gene ID** 567**Other Names**

Beta-2-microglobulin, Beta-2-microglobulin form pl 5.3, B2M

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

beta-2-microglobulin (aa65-79) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

beta-2-microglobulin (aa65-79) Antibody (internal region) - Protein Information**Name** B2M ([HGNC:914](#))**Function**

Component of the class I major histocompatibility complex (MHC). Involved in the presentation of peptide antigens to the immune system. Exogenously applied M.tuberculosis EsxA or EsxA-EsxB (or EsxA expressed in host) binds B2M and decreases its export to the cell surface (total protein levels do not change), probably leading to defects in class I antigen presentation (PubMed:25356553).

Cellular Location

Secreted. Cell surface. Note=Detected in serum and urine (PubMed:1336137, PubMed:7554280). {ECO:0000269|PubMed:7554280, ECO:0000269|Ref.6}

beta-2-microglobulin (aa65-79) Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

beta-2-microglobulin (aa65-79) Antibody (internal region) - Images



AF3769a (0.03 µg/ml) staining of Human Duodenum lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

beta-2-microglobulin (aa65-79) Antibody (internal region) - References

Beta 2 microglobulin and the risk for cardiovascular events in patients with asymptomatic carotid atherosclerosis. Amighi J, Hoke M, Mlekusch W, Schlager O, Exner M, Haumer M, Pernicka E, Koppensteiner R, Minar E, Rumpold H, Schillinger M, Wagner O. Stroke. 2011 Jul;42(7):1826-33. PMID: 21546482