

beta-2-microglobulin Antibody (N-Term)
Peptide-affinity purified goat antibody
Catalog # AF3768a

Specification

beta-2-microglobulin Antibody (N-Term) - Product Information

Application	WB
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 Antibody (N-Term) - Additional Information

Gene ID 567

Other Names

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

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 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

beta-2-microglobulin Antibody (N-Term) - 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 Antibody (N-Term) - 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 Antibody (N-Term) - Images



AF3768a (0.3 µg/ml) staining of Human Duodenum lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

beta-2-microglobulin Antibody (N-Term) - 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