

B2M / Beta 2 Microglobulin Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS16767**Specification**

B2M / Beta 2 Microglobulin Antibody (C-Terminus) - Product Information

Application	IHC, IF, WB
Primary Accession	P61769
Other Accession	567
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	13715

B2M / Beta 2 Microglobulin Antibody (C-Terminus) - Additional Information**Gene ID** 567**Other Names**

B2M, Beta 2 Microglobulin, Beta-2-microglobulin, Beta-2-microglobin

Target/Specificity

B2M antibody is human reactive.

Reconstitution & Storage

PBS, 0.02% sodium azide. Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

B2M / Beta 2 Microglobulin Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

B2M / Beta 2 Microglobulin Antibody (C-Terminus) - 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).

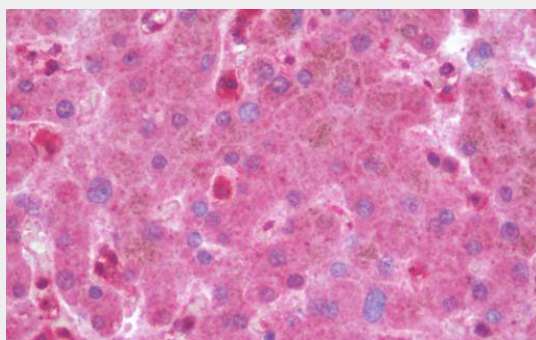
Cellular Location

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

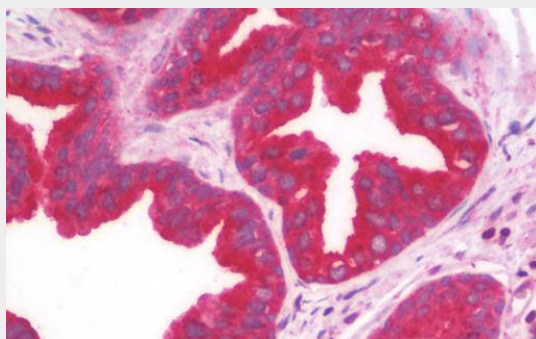
B2M / Beta 2 Microglobulin Antibody (C-Terminus) - Protocols

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

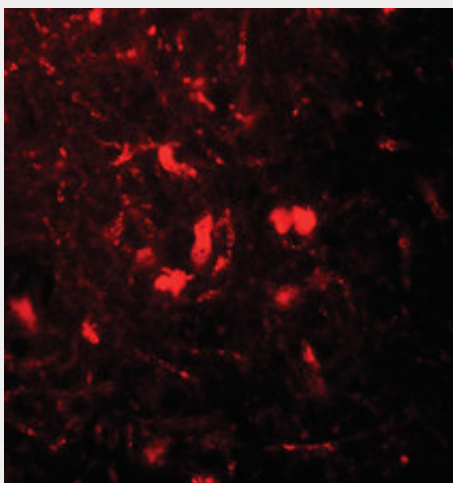
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

B2M / Beta 2 Microglobulin Antibody (C-Terminus) - Images

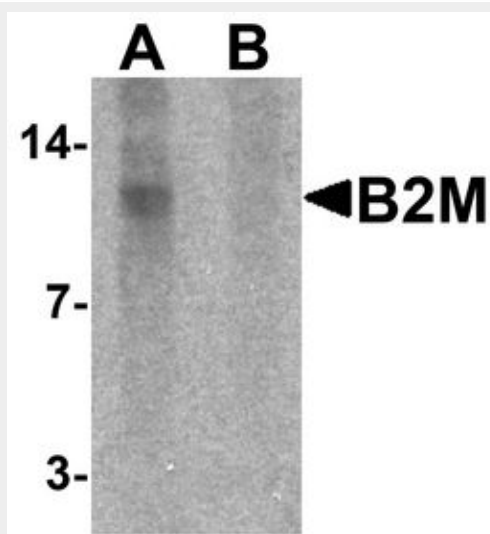
Anti-B2M / Beta 2 Microglobulin antibody IHC staining of human liver.



Anti-B2M / Beta 2 Microglobulin antibody IHC staining of human prostate.



Immunofluorescence of B2M in mouse brain tissue with B2M antibody at 20 ug/ml.



Western blot analysis of B2M in SK-N-SH cell lysate with B2M antibody at 1 ug/ml in (A) the...

B2M / Beta 2 Microglobulin Antibody (C-Terminus) - Background

Component of the class I major histocompatibility complex (MHC). Involved in the presentation of peptide antigens to the immune system.

B2M / Beta 2 Microglobulin Antibody (C-Terminus) - References

- Guessow D.,et al.J. Immunol. 139:3132-3138(1987).
- He X.H.,et al.Sheng Wu Gong Cheng Xue Bao 20:99-103(2004).
- Matsumoto K.,et al.Submitted (DEC-1998) to the EMBL/GenBank/DDBJ databases.
- Tan J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
- Zhao Z.,et al.Submitted (JUN-1998) to the EMBL/GenBank/DDBJ databases.