

Product Datasheet

beta 2-Microglobulin Antibody - BSA Free NBP1-87482

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 2

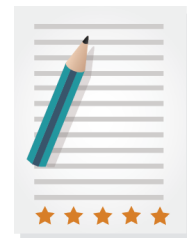
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NBP1-87482

beta 2-Microglobulin Antibody - BSA Free

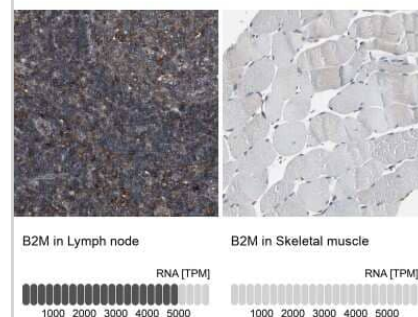
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	567
Gene Symbol	B2M
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: QRTPKIQVYSRHPAENGKSNFLNCYVSGFHPSDIEVDLLKNGERIEKVEHSDLS FSKDWSFYLLYYTEFTPTTEKDEYACRVNHVTL SQPKIVKWDRDM

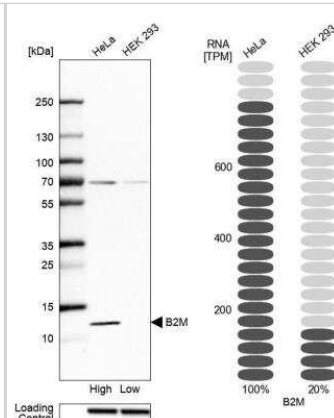
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

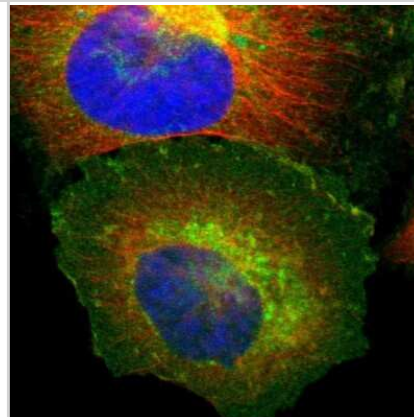
Immunohistochemistry-Paraffin: beta 2-Microglobulin Antibody [NBP1-87482] - Staining in human lymph node and skeletal muscle tissues using anti-B2M antibody. Corresponding B2M RNA-seq data are presented for the same tissues.



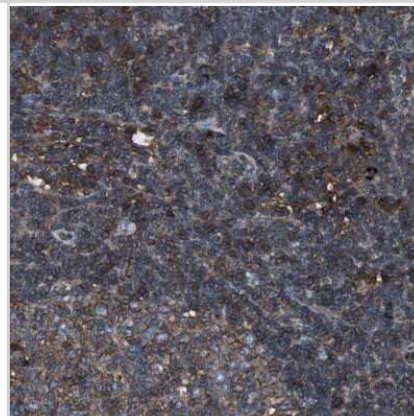
Western Blot: beta 2-Microglobulin Antibody [NBP1-87482] - Analysis in human cell lines HeLa and HEK293. Corresponding RNA-seq data are presented for the same cell lines. Loading control: Anti-HSP90B1.



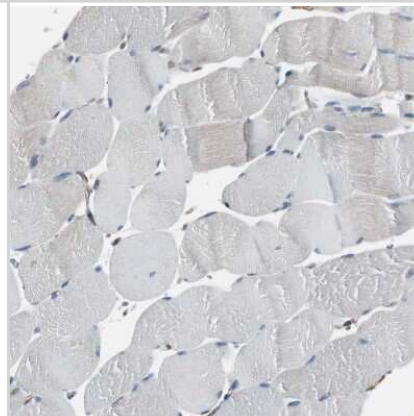
Immunocytochemistry/Immunofluorescence: beta 2-Microglobulin Antibody [NBP1-87482] - Staining of human cell line U-251 MG shows localization to plasma membrane, cytosol and the Golgi apparatus. Antibody staining is shown in green.



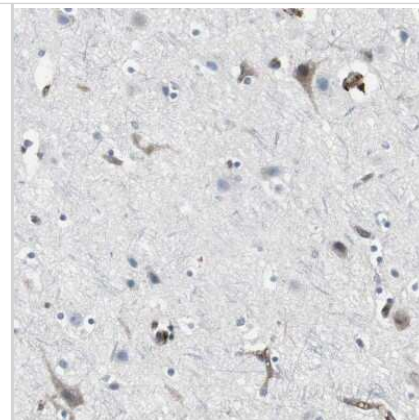
Immunohistochemistry-Paraffin: beta 2-Microglobulin Antibody [NBP1-87482] - Staining of human lymph node shows strong cytoplasmic positivity in germinal center cells.



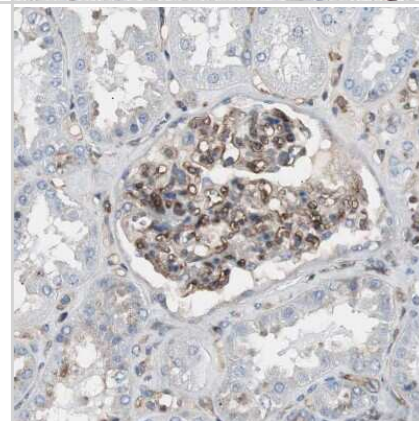
Immunohistochemistry-Paraffin: beta 2-Microglobulin Antibody [NBP1-87482] - Staining of human skeletal muscle shows low expression as expected.



Immunohistochemistry-Paraffin: beta 2-Microglobulin Antibody [NBP1-87482] - Staining of human cerebral cortex shows weak cytoplasmic positivity in neurons as expected.



Immunohistochemistry-Paraffin: beta 2-Microglobulin Antibody [NBP1-87482] - Staining of human kidney shows moderate cytoplasmic positivity in cells in glomeruli.



Publications

Kim DJ, Hahn HM, Youn YN et al. Adipose Derived Stromal Vascular Fraction and Mesenchymal Stem Cells Improve Angiogenesis in a Rat Hindlimb Ischaemia Model *European journal of vascular and endovascular surgery : the official journal of the European Society for Vascular Surgery* 2023-11-21 [PMID: 37995961] (Immunohistochemistry-Paraffin, Rat)

Lindskog C, Asplund A, Engkvist M et al. Antibody-based proteomics for discovery and exploration of proteins expressed in pancreatic islets. *Discov Med* 2010-06-01 [PMID: 20587347]



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Products Related to NBP1-87482

NBP1-87482PEP	beta 2-Microglobulin Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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