

Product Datasheet

PSMA7 Antibody (1A10-3G12) - Azide and BSA Free H00005688-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00005688-M01

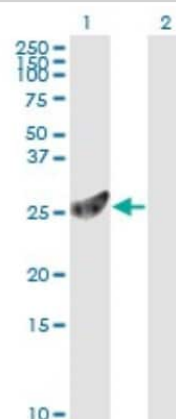
PSMA7 Antibody (1A10-3G12) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1A10-3G12
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	5688
Gene Symbol	PSMA7
Species	Human
Specificity/Sensitivity	PSMA7 - proteasome (prosome, macropain) subunit, alpha type, 7
Immunogen	PSMA7 (AAH04427, 1 a.a. ~ 248 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MSYDRAITVFSPDGHFLFQVEYAQEA VKKGSTAVGVRGRDIVVLGVEKKSVAKL QDERTVRKICALDDNVCMAFAGLTADARIVINRARVEQCQSHRLTVEDPVTVEYI TRYIASLKQRYTQSNRRPFGISALIVGFDFDGTPLRYQTDPSTGYHAWKANAI GRGAKSVREFLEKNYTDEAIETDDLTIKLVIKALLEVVQSGGKNIELAVMRRDQS LKILNPEEIEKYVAEIEKEKEENEKKKQKKAS
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Sandwich ELISA
Application Notes	Antibody reactivity against recominant protein, tissue lysate and cell lysate for WB. It has also been used for IF, IHC-P and ELISA.

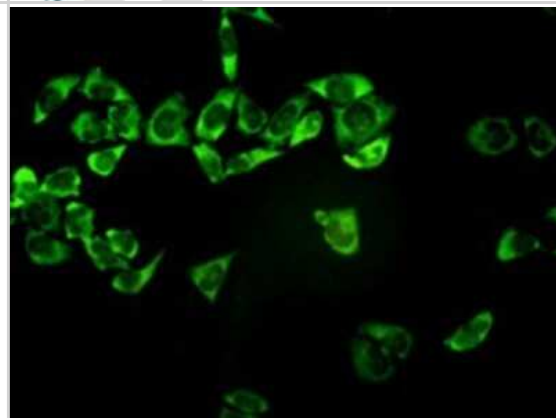


Images

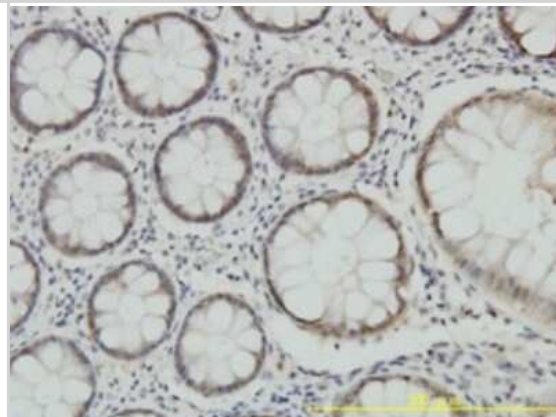
Western Blot: PSMA7 Antibody (1A10-3G12) [H00005688-M01] - Analysis of PSMA7 expression in transfected 293T cell line by PSMA7 monoclonal antibody (M01), clone 1A10-3G12. Lane 1: PSMA7 transfected lysate (Predicted MW: 27.9 KDa). Lane 2: Non-transfected lysate.



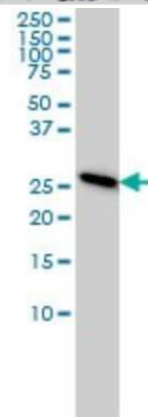
Immunocytochemistry/Immunofluorescence: PSMA7 Antibody (1A10-3G12) [H00005688-M01] - Analysis of monoclonal antibody to PSMA7 on HeLa cell. Antibody concentration 1 ~ 10 ug/ml.



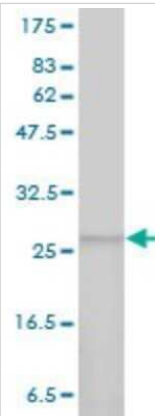
Immunohistochemistry-Paraffin: PSMA7 Antibody (1A10-3G12) [H00005688-M01] - Analysis of monoclonal antibody to PSMA7 on formalin-fixed paraffin-embedded human colon tissue. Antibody concentration 5 ug/ml.



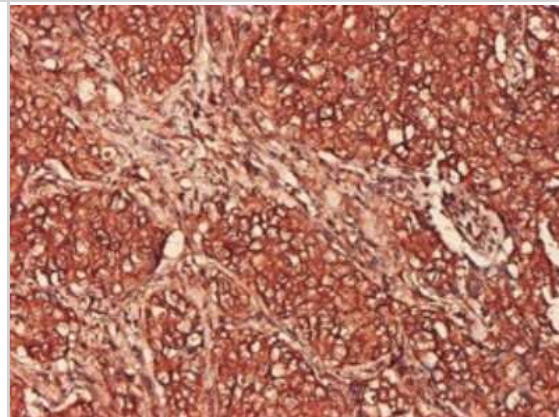
Western Blot: PSMA7 Antibody (1A10-3G12) [H00005688-M01] - PSMA7 monoclonal antibody (M01), clone 1A10-3G12 Analysis of PSMA7 expression in HeLa.



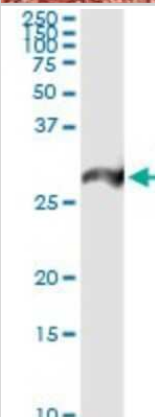
Western Blot: PSMA7 Antibody (1A10-3G12) [H00005688-M01] - PSMA7 monoclonal antibody (M01), clone 1A10-3G12. Analysis of PSMA7 expression in human omentum, serous carcinoma.



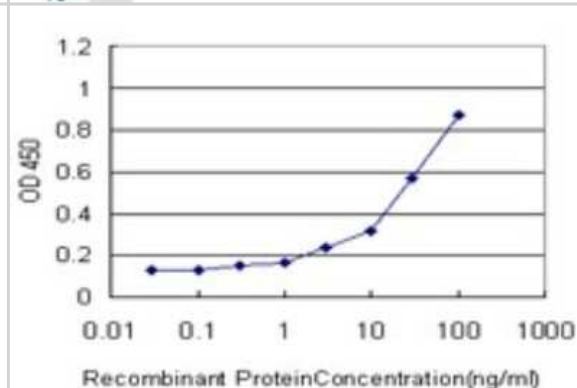
Immunohistochemistry-Paraffin: PSMA7 Antibody (1A10-3G12) [H00005688-M01] - Analysis of monoclonal antibody to PSMA7 on formalin-fixed paraffin-embedded human lung, adenosquamous cell carcinoma. Antibody concentration 5 ug/ml.



Immunoprecipitation: PSMA7 Antibody (1A10-3G12) [H00005688-M01] - Analysis of PSMA7 transfected lysate using anti-PSMA7 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with PSMA7 MaxPab rabbit polyclonal antibody.



Sandwich ELISA: PSMA7 Antibody (1A10-3G12) [H00005688-M01] - Detection limit for recombinant GST tagged PSMA7 is approximately 1ng/ml as a capture antibody.



Publications

Tan JY, Huang X, Luo YL. PSMA7 inhibits the tumorigenicity of A549 human lung adenocarcinoma cells. *Mol Cell Biochem.* 2012-05-15 [PMID: 22584585]

Smith L, Qutob O, Watson MB et al. Proteomic identification of putative biomarkers of radiotherapy resistance: a possible role for the 26S proteasome? *Neoplasia.* 2009-11-01 [PMID: 19881955]



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NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NBC1-22917	Recombinant Human PSMA7 His Protein

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