

Product Datasheet

Integrin alpha 7 Antibody (8G2) - Azide and BSA Free H00003679-M01

Unit Size: 0.1 mg

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

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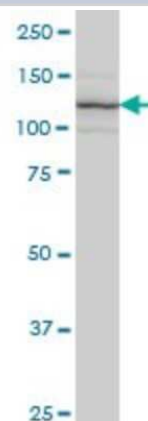
H00003679-M01

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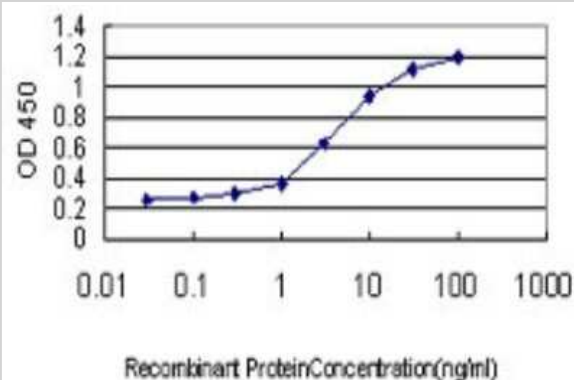
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	8G2
Preservative	No Preservative
Isotype	IgG2a 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	3679
Gene Symbol	ITGA7
Species	Human, Mouse
Specificity/Sensitivity	ITGA7 - integrin, alpha 7
Immunogen	ITGA7 (NP_002197, 478 a.a. ~ 577 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. SHEVSIAPRSIDLEQPNCAAGGHSVCVDLRVCFSYIAVPSSYSPTVALDYVLDAD TDRRLRGQVPRVTFLSRNLEEPKHQASGTVWLKHQHDRVCGDAMFQ
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Sandwich ELISA 1:100-1:2000
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for ELISA.

Images

Western Blot: Integrin alpha 7 Antibody (8G2) [H00003679-M01] - ITGA7 monoclonal antibody (M01), clone 8G2 Analysis of ITGA7 expression in Jurkat.



Sandwich ELISA: Integrin alpha 7 Antibody (8G2) [H00003679-M01] - Detection limit for recombinant GST tagged ITGA7 is approximately 0.1ng/ml as a capture antibody.



Publications

Hammers DW, Sleeper MM, Forbes SC et al. Disease-modifying effects of orally bioavailable NF-kB inhibitors in dystrophin-deficient muscle. JCI Insight 2016-12-22 [PMID: 28018975]

Ren B, Yu YP, Tseng GC et al. Analysis of integrin alpha7 mutations in prostate cancer, liver cancer, glioblastoma multiforme, and leiomyosarcoma. J Natl Cancer Inst;99(11):868-80. 2007-06-06 [PMID: 17551147] (WB, Human)



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Products Related to H00003679-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
H00003679-Q01-10ug	Recombinant Human Integrin alpha 7 GST (N-Term) Protein

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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