

Product Datasheet

SMARCD3 Antibody (1G6) - Azide and BSA Free H00006604-M01-100ug

Unit Size: 100 ug

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

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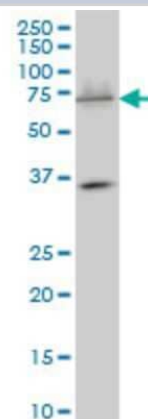
H00006604-M01-100ug

SMARCD3 Antibody (1G6) - Azide and BSA Free

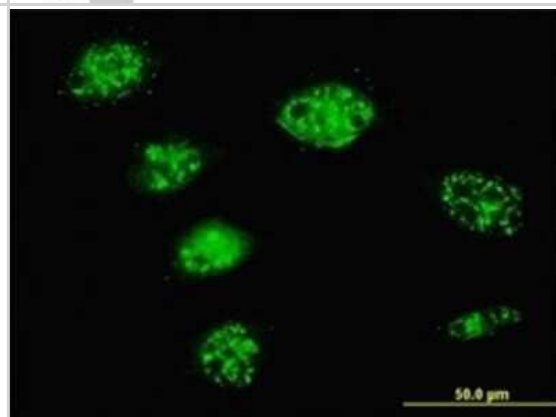
Product Information	
Unit Size	100 ug
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1G6
Preservative	No Preservative
Isotype	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	6604
Gene Symbol	SMARCD3
Species	Human, Mouse
Specificity/Sensitivity	SMARCD3 - SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 3
Immunogen	SMARCD3 (NP_001003801, 385 a.a. ~ 483 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. ISALDSKIHETIESINQLKIQRDFMLSFSRDPKGYVQDLLRSQSRDLKVM TDVAG NPEEERRAEFYHQPWSQEAVSRYFYCKIQRRRQELEQSLVVRNT
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA
Recommended Dilutions	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF and ELISA.

Images

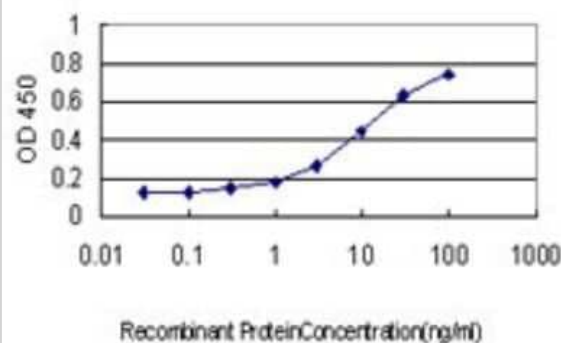
Western Blot: SMARCD3 Antibody (1G6) [H00006604-M01] - SMARCD3 monoclonal antibody (M01), clone 1G6 Analysis of SMARCD3 expression in K-562.



Immunocytochemistry/Immunofluorescence: SMARCD3 Antibody (1G6) [H00006604-M01] - Analysis of monoclonal antibody to SMARCD3 on HeLa cell. Antibody concentration 10 ug/ml.



Sandwich ELISA: SMARCD3 Antibody (1G6) [H00006604-M01] - Detection limit for recombinant GST tagged SMARCD3 is approximately 0.3ng/ml as a capture antibody.



Publications

Hartung S, Schwanke K, Haase A et al. Directing cardiomyogenic differentiation of human pluripotent stem cells by plasmid-based transient overexpression of cardiac transcription factors. *Stem Cells Dev.* 2013-01-18 [PMID: 23157212]

Zhang Z, Alpert D, Francis R et al. Massively parallel sequencing identifies the gene Megf8 with ENU-induced mutation causing heterotaxy. *Proc Natl Acad Sci U S A*;106(9):3219-24. 2009-03-03 [PMID: 19218456]

1 Flajollet S, Lefebvre B, Cudejko C et al. The core component of the mammalian SWI/SNF complex SMARCD3/BAF60c is a coactivator for the nuclear retinoic acid receptor. *Mol Cell Endocrinol*;270(1-2):23-32. 2007-05-30 [PMID: 17363140]



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Products Related to H00006604-M01-100ug

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)
314-BP-010	BMP-4 [Unconjugated]

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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