

# Product Datasheet

## ARHGEF5 Antibody (3A12-B5) - Azide and BSA Free H00007984-M01

Unit Size: 0.1 mg

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

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**H00007984-M01**

ARHGEF5 Antibody (3A12-B5) - 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	3A12-B5
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

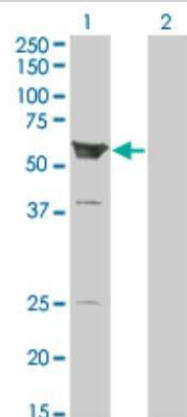
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	7984
Gene Symbol	ARHGEF5
Species	Human
Specificity/Sensitivity	ARHGEF5 - Rho guanine nucleotide exchange factor (GEF) 5
Immunogen	ARHGEF5 (AAH14555, 1 a.a. ~ 519 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MGGFSRRC SKLINSSQLLYQEYSDVVLNKEIQSQQRLESLSETPGPSSPRQPR KALVSSSESYLQRLSMASSGSLWQEIPVVRNSTVLLSMTHEDQKLQEVKFELIVS EASYLRSLNIAVDHFQLSTSLRATLSNQEHWLFSRLQDVRDVSATFLSDLEEN FENNIFSFQVCDVVLNHAPDFRRVYLPYVTNQTYQERTFQSLMNSNSNFREVL EKLESDPVCQRLSLKSFLLPFQRITRLKLLQNILKRTQPGSSEEAEATKAHHAL EQLIRDCNNNVQSMRRTTEELIYLSQKIEFECKIFPLISQSRWLKSGELTALEFS ASPGLRRKLNTRPVHLHLFNDCLLLSRPREGSRFLVFDHAPFSSIRGEKCEMKL HGPHKNLFRFLRQNTQGAQAEFLFR TETQSEKLRWISALAMPREELDLLECY NSPQVQCLRAYKPRENDELAL EKADVVMVTQQSSDGWLEGVRLSDGERGWF PVQQVEFISNPEVRAQNLKEAHRVKTAKLQLVEQQA
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Sandwich ELISA
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Sandwich ELISA
Application Notes	Antibody reactivity against transfected lysate and recombinant protein for WB. It has been used for ELISA.

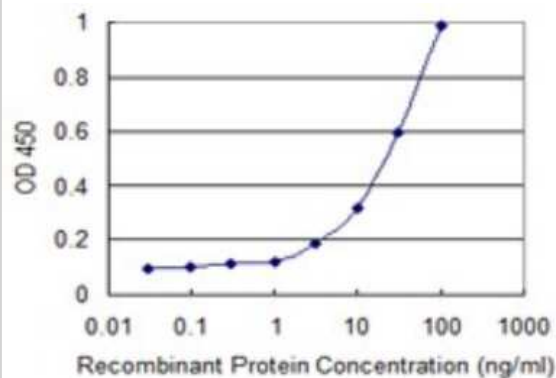


## Images

Western Blot: ARHGEF5 Antibody (3A12-B5) [H00007984-M01] - Analysis of ARHGEF5 expression in transfected 293T cell line by ARHGEF5 monoclonal antibody (M01), clone 3A12-B5. Lane 1: ARHGEF5 transfected lysate(60.1 KDa). Lane 2: Non-transfected lysate.



Sandwich ELISA: ARHGEF5 Antibody (3A12-B5) [H00007984-M01] - Detection limit for recombinant GST tagged ARHGEF5 is 1 ng/ml as a capture antibody.



## Publications

Mendrzyk F, Korshunov A, Benner A et al. Identification of gains on 1q and epidermal growth factor receptor overexpression as independent prognostic markers in intracranial ependymoma. Clin Cancer Res. 2006-04-01 [PMID: 16609018]



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### **Products Related to H00007984-M01**

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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)
H00007984-P01-10ug	Recombinant Human ARHGEF5 GST (N-Term) Protein

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### **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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