

# Product Datasheet

## Morg1 Antibody (4E12) - Azide and BSA Free H00084292-M02

Unit Size: 0.1 mg

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

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**H00084292-M02**

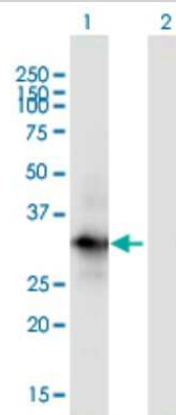
Morg1 Antibody (4E12) - Azide and BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	4E12
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2a Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	84292
<b>Gene Symbol</b>	WDR83
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Human. Mouse reactivity reported in scientific literature (PMID: 22982595)
<b>Specificity/Sensitivity</b>	MORG1 - mitogen-activated protein kinase organizer 1 (4E12)
<b>Immunogen</b>	MORG1 (NP_115708, 171 a.a. ~ 262 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. VDGRVRRYDLRMGQLFSDYVVGSPITCTCFSRDGGQCTLVSSLDSTLRLLDKDTG ELLGEYKKGHNQEYKLDCCLSERDTHVSCSEDGKVFFW
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Sandwich ELISA
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen, Sandwich ELISA
<b>Application Notes</b>	Antibody Reactive Against Recombinant Protein with GST tag on ELISA and Western Blot. GST tag alone is used as a negative control.

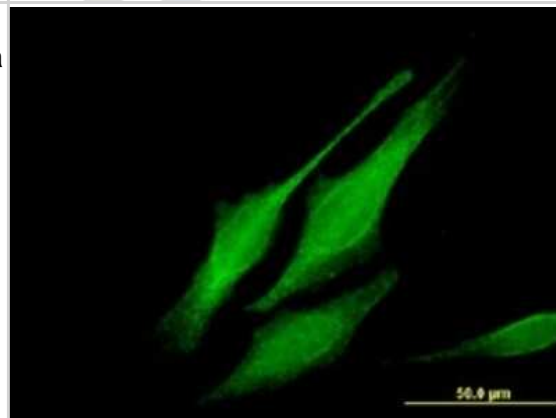


## Images

Western Blot: Morg1 Antibody (4E12) [H00084292-M02] - Analysis of MORG1 expression in transfected 293T cell line by MORG1 monoclonal antibody (M02), clone 4E12. Lane 1: MORG1 transfected lysate (Predicted MW: 34.3 KDa). Lane 2: Non-transfected lysate.



Immunocytochemistry/Immunofluorescence: Morg1 Antibody (4E12) [H00084292-M02] - Analysis of monoclonal antibody to MORG1 on HeLa cell . Antibody concentration 10 ug/ml.



Sandwich ELISA: Morg1 Antibody (4E12) [H00084292-M02] - Detection limit for recombinant GST tagged MORG1 is 1 ng/ml as a capture antibody.



## Publications

Stahr A, Frahm C, Kretz A et al. Morg1(+/-) heterozygous mice are protected from experimentally induced focal cerebral ischemia. Brain Res. 2012-10-30 [PMID: 22982595] (Mouse)



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### Products Related to H00084292-M02

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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)
H00084292-P01-10ug	Recombinant Human Morg1 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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