

Product Datasheet

beta-Arrestin 2 Antibody (3G1) - Azide and BSA Free H00000409-M01

Unit Size: 0.1 mg

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

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Publications: 1

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H00000409-M01

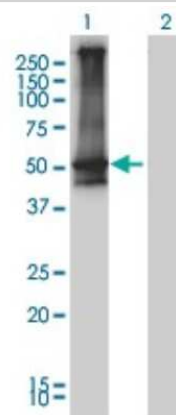
beta-Arrestin 2 Antibody (3G1) - Azide and BSA Free

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	3G1
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	409
Gene Symbol	ARRB2
Species	Human, Mouse
Specificity/Sensitivity	ARRB2 - arrestin, beta 2
Immunogen	ARRB2 (AAH07427, 300 a.a. ~ 409 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. NLASSTIVKEGANKEVLGILVSYRVKVKLVVSRGGDVSVELPFVLMHPKPHDHI PLPRPQSAAPETDVPVDTNLIFFDTNYATDDDIVFEDFARLRLKGMKDDDYDDQ LC
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, Proximity Ligation Assay
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Proximity Ligation Assay
Application Notes	Antibody reactivity against transfected lysate and recombinant protein for WB. It has been used for IHC-P, IF and ELISA.

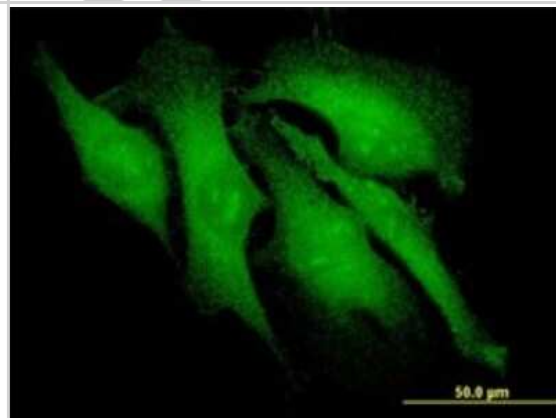


Images

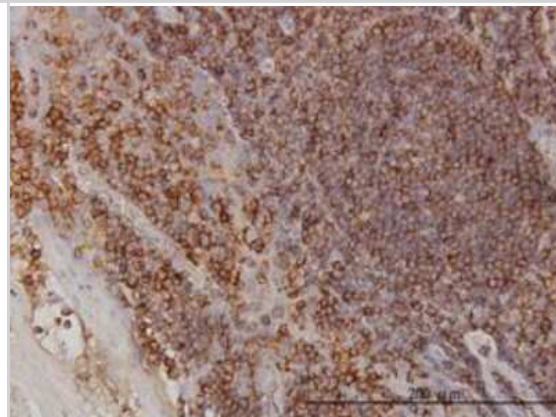
Western Blot: beta-Arrestin 2 Antibody (3G1) [H00000409-M01] - Analysis of ARRB2 expression in transfected 293T cell line by ARRB2 monoclonal antibody (M01), clone 3G1. Lane 1: ARRB2 transfected lysate (46 KDa). Lane 2: Non-transfected lysate.



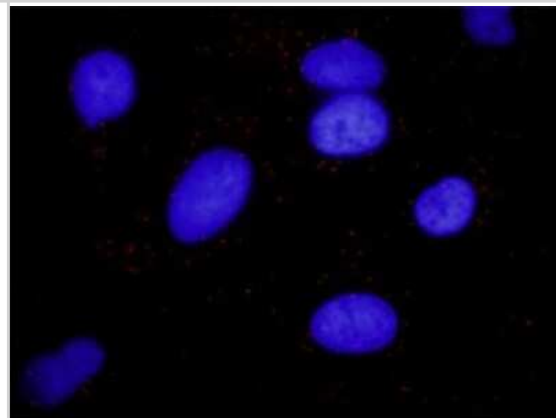
Immunocytochemistry/Immunofluorescence: beta-Arrestin 2 Antibody (3G1) [H00000409-M01] - Analysis of monoclonal antibody to ARRB2 on HeLa cell. Antibody concentration 10 ug/ml.



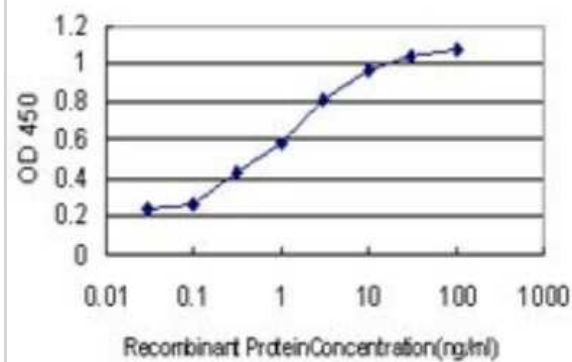
Immunohistochemistry-Paraffin: beta-Arrestin 2 Antibody (3G1) [H00000409-M01] - Immunoperoxidase of monoclonal antibody to ARRB2 on formalin-fixed paraffin-embedded human tonsil. [antibody concentration 3ug/ml]



Proximity Ligation Assay: beta-Arrestin 2 Antibody (3G1) [H00000409-M01] - Analysis of protein-protein interactions between MAPK3 and ARRB2. HeLa cells were stained with anti-MAPK3 rabbit purified polyclonal 1:1200 and anti-ARRB2 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



ELISA: beta-Arrestin 2 Antibody (3G1) [H00000409-M01] - Detection limit for recombinant GST tagged ARRB2 is approximately 0.03ng/ml as a capture antibody.



Publications

Walker JKL Methods to Investigate the Roles for β -Arrestin-2 in Allergic Inflammatory Airway Disease. *Methods Mol Biol.* 2019-01-01 [PMID: 30919364]



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Products Related to H00000409-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)
NBP2-24569PEP	beta-Arrestin 2 Antibody Blocking Peptide

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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