

Product Datasheet

GIPR Antibody (Gipg013) - Chimeric - Azide and BSA Free NBP2-81068-0.2mg

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

www.novusbio.com



technical@novusbio.com

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NBP2-81068-0.2mg

GIPR Antibody (Gipg013) - Chimeric - Azide and BSA Free

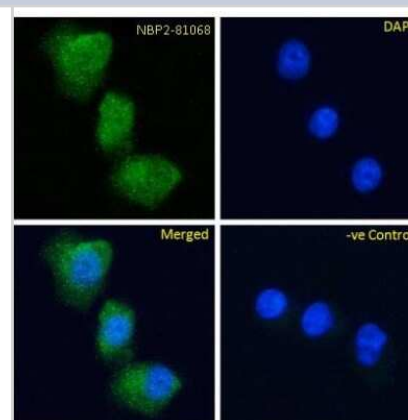
Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	Gipg013
Preservative	0.02% Proclin 300
Isotype	IgG Lambda
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Rabbit GIPR Antibody (Gipg013) - Chimeric - Azide and BSA Free (NBP2-81068) is a recombinant monoclonal antibody validated for use in ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2696
Gene Symbol	GIPR
Species	Human, Mouse, Rat, Canine
Specificity/Sensitivity	The original has a Ki value of 7 nM and a Kd value of 6.8 nM for human GIPR.
Immunogen	Human GIPR.

Product Application Details	
Applications	ELISA, Immunocytochemistry/ Immunofluorescence, Block/Neutralize
Recommended Dilutions	ELISA, Immunocytochemistry/ Immunofluorescence, Block/Neutralize
Application Notes	This full-length, chimeric rabbit antibody was made using the variable domain sequences of the original Mouse scFv format, for improved compatibility with existing reagents, assays and techniques. This antibody binds to GIPR, a GPCR expressed on pancreatic beta-cells, where activation leads to the release of insulin. Endogenous ligands for the receptor include oleylethanolamide and lysophosphatidylcholine. The antibody acts as a competitive antagonist. In rat islets, the antibody inhibits GIP-induced secretion of insulin by up to 81%.

Images

Immunocytochemistry/Immunofluorescence: GIPR Antibody (Gipg013) - Chimeric [NBP2-81068] - Immunofluorescence staining of fixed MDA-MB-231 cells with GIPR Antibody (Gipg013) [NBP2-81068]. Immunofluorescence analysis of paraformaldehyde fixed MDA-MB-231 cells, permeabilized with 0.15% Triton stained with the chimeric rabbit IgG version of Gipg013 [NBP2-81068] at 10 ug/ml for 1h followed by Alexa Fluor 488 secondary antibody (1 ug/ml), showing cytoplasmic staining with additional puncta. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP2-81068, DAPI, merged channels and a negative control. The negative control was stained with unimmunized rabbit IgG followed by Alexa Fluor 488 secondary antibody.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-81068-0.2mg

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
11088-GI-050	GIPR [Unconjugated]
NB100-98682	BDNF Antibody

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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