

Product Datasheet

PI 3-Kinase p85 alpha Antibody (6G10) - BSA Free NBP2-22212

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-22212

Updated 9/9/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-22212



NBP2-22212

PI 3-Kinase p85 alpha Antibody (6G10) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	6G10
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	83.6 kDa

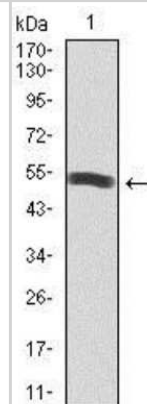
Product Description	
Description	Novus Biologicals Mouse PI 3-Kinase p85 alpha Antibody (6G10) - BSA Free (NBP2-22212) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. Anti-PI 3-Kinase p85 alpha Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	5295
Gene Symbol	PIK3R1
Species	Human, Mouse
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Purified recombinant fragment of human PI 3-Kinase p85 alpha (AA: 159-388) expressed in E. Coli.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:200-1:400, ELISA 1:10000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:200-1:1000, CyTOF-ready
Application Notes	This antibody is Cytof ready.

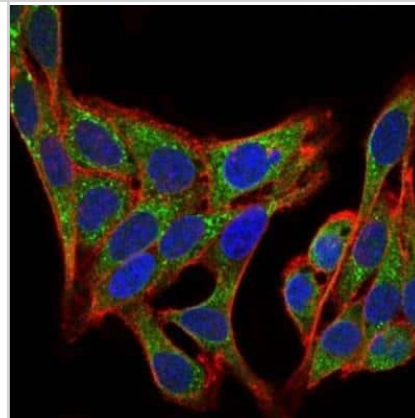


Images

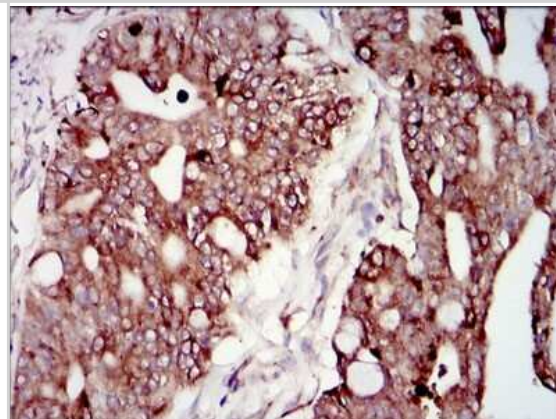
Western Blot: PI 3-Kinase p85 alpha Antibody (6G10) [NBP2-22212] - Analysis using PI 3 Kinase p85 alpha mAb against human PI 3 Kinase p85 alpha recombinant protein. (Expected MW is 53.4 kDa)



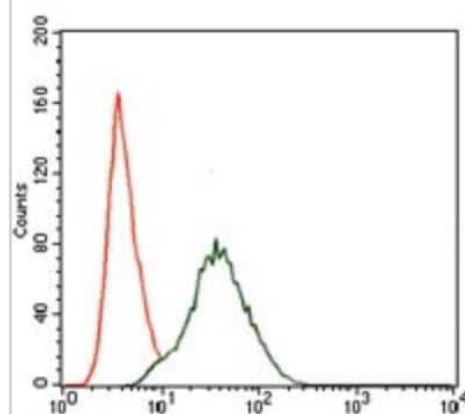
Immunocytochemistry/Immunofluorescence: PI 3-Kinase p85 alpha Antibody (6G10) [NBP2-22212] - Analysis of HepG2 cells using PI 3 Kinase p85 alpha mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



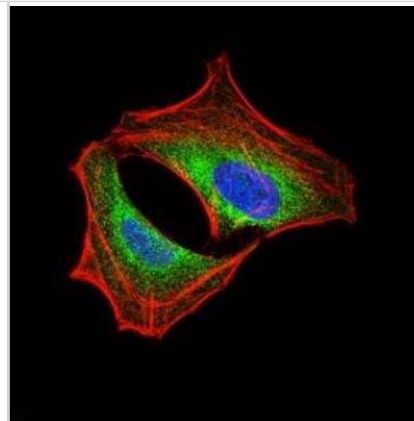
Immunohistochemistry-Paraffin: PI 3-Kinase p85 alpha Antibody (6G10) [NBP2-22212] - Analysis of rectum cancer tissues using PI 3 Kinase p85 alpha mouse mAb with DAB staining.



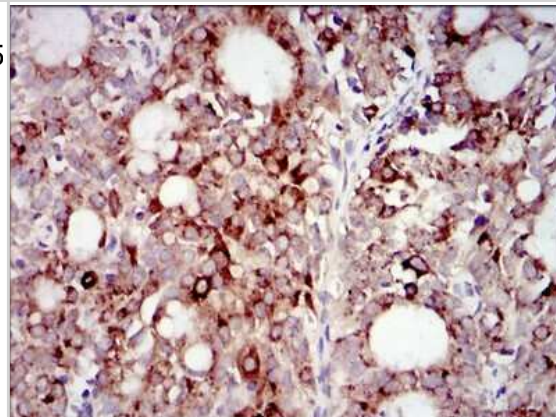
Flow Cytometry: PI 3-Kinase p85 alpha Antibody (6G10) [NBP2-22212] - Analysis of NIH3T3 cells using PI 3 Kinase p85 alpha mouse mAb (green) and negative control (red).



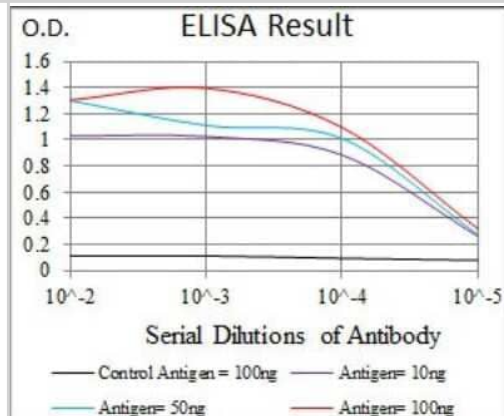
Immunocytochemistry/Immunofluorescence: PI 3-Kinase p85 alpha Antibody (6G10) [NBP2-22212] - Analysis of HeLa cells using PI 3 Kinase p85 alpha mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Immunohistochemistry-Paraffin: PI 3-Kinase p85 alpha Antibody (6G10) [NBP2-22212] - Analysis of cervical cancer tissues using PI 3 Kinase p85 alpha mouse mAb with DAB staining.



ELISA: PI 3-Kinase p85 alpha Antibody (6G10) [NBP2-22212] - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng)



Publications

Bostanci A, Doganlar O., et Al. MELATONIN ENHANCES TEMOZOLOMIDE-INDUCED APOPTOSIS IN GLIOBLASTOMA AND NEUROBLASTOMA CELLS Exp Oncol 2024-10-13 [PMID: 39396175]

Du C, Zhang T, Xiao X et al. Protease-Activated Receptor-2 promotes kidney tubular epithelial inflammation by inhibiting autophagy via the PI3K/Akt/mTOR signalling pathway Biochem. J. 2017-07-10 [PMID: 28694352] (Human)



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 NBP2-22212

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-22212

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

