

Anti-PAK gamma PAK2 Monoclonal Antibody

Catalog Number: A01419-1

About PAK2

Receptor for brain-derived neurotrophic factor (BDNF), neurotrophin-3 and neurotrophin-4/5 but not nerve growth factor (NGF). Involved in the development and/or maintenance of the nervous system. This is a tyrosine-protein kinase receptor. Known substrates for the TRK receptors are SHC1, PI-3 kinase, and PLC-gamma-1.

Woronowicz A, et al. Glycobiology. 2007 Jan;17(1):10-24. Mojsilovic-Petrovic J, et al. J Neurosci. 2006 Sep 6;26(36):9250-63. Lewis MA, et al. Mol Pharmacol. 2006 Apr;69(4):1396-404. Cai D, et al. Physiol Genomics. 2006 Feb 14;24(3):191-7.

Overview

Product Name	Anti-PAK gamma PAK2 Monoclonal Antibody
Reactive Species	Human, Monkey
Description	Boster Bio Anti-PAK gamma PAK2 Monoclonal Antibody catalog # A01419-1. Tested in IF, IHC, WB applications. This antibody reacts with Human, Monkey.
Application	IF, IHC, WB
Clonality	Monoclonal 3B5
Formulation	Ascitic fluid containing 0.03% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	Q13177

Technical Details

Immunogen	Purified recombinant human PRMT1 protein fragments expressed in E.coli.
Predicted Reactive Species	Canine, Equine
Isotype	IgG
Form	Liquid
Concentration	This antibody's concentration is >0.5mg/ml.
Purification	Ascitic fluid
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this

kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

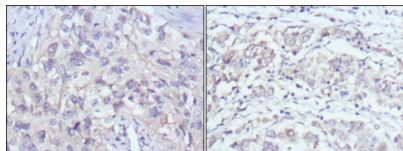
Boster Bio's internal QC testing used:

WB, 1:500-1:2000

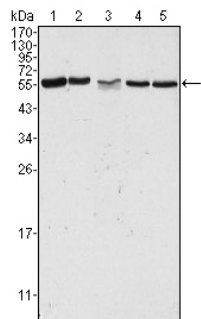
IHC, 1:200-1:1000

IF, 1:200-1:1000

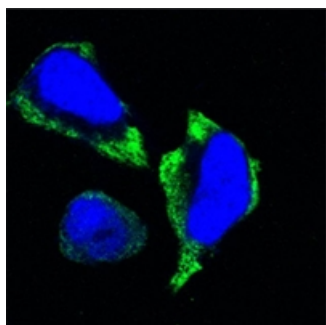
Anti-PAK gamma PAK2 Monoclonal Antibody (A01419-1) Images



Immunohistochemistry (IHC) analysis of paraffin-embedded Human Lung Cancer (left) and gastric cancer (right) with DAB staining using PAKgamma Monoclonal antibody.



Western Blot (WB) analysis using PAKgamma Monoclonal antibody against HeLa (1), Jurkat (2), A549 (3), HEK293 (4) and K562 (5) cell lysate.



Confocal Immunofluorescence (IF) analysis of HeLa cells using PAKgamma Monoclonal antibody (green). Blue: DRAQ5 fluorescent DNA dye.

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-PAK gamma PAK2 Monoclonal Antibody