BOSTER BIOLOGICAL TECHNOLOGY
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Anti-KRAS+HRAS+NRAS Rabbit Monoclonal Antibody

Catalog Number: M00099-1

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Overview

Product Name	Anti-KRAS+HRAS+NRAS Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-KRAS+HRAS+NRAS Rabbit Monoclonal Antibody catalog # M00099-1. Tested in WB, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IP, IF, ICC, WB
Clonality	Monoclonal EBE-14
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
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	Rabbit
Uniprot ID	P01111/P01112/P01116

Technical Details

Immunogen	A synthesized peptide derived from human KRAS+HRAS+NRAS
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB, 1:500-2000

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	ICC/IF, 1:50-200 IP, 1:20 FC, 1:20

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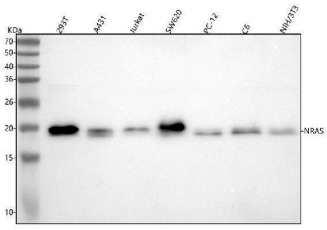
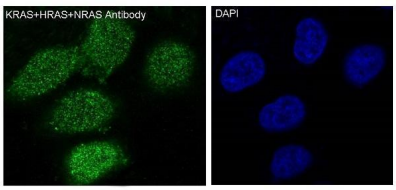
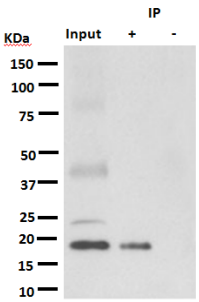
Anti-KRAS+HRAS+NRAS Rabbit Monoclonal Antibody (M00099-1) Images



Western blot analysis of KRAS+HRAS+NRAS using anti-KRAS+HRAS+NRAS antibody (M00099-1). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human 293T whole cell lysates, Lane 2: human A431 whole cell lysates, Lane 3: human Jurkat whole cell lysates, Lane 4: human SW620 whole cell lysates, Lane 5: rat PC-12 whole cell lysates, Lane 6: rat C6 whole cell lysates, Lane 7: mouse NIH/3T3 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-KRAS+HRAS+NRAS antigen affinity purified monoclonal antibody (Catalog # M00099-1) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:500 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for KRAS+HRAS+NRAS at approximately 21 kDa. The expected band size for KRAS+HRAS+NRAS is at 21 kDa.



Immunofluorescent analysis of Hela cells, using KRAS+HRAS+NRAS Antibody.



KRAS+HRAS+NRAS was immunoprecipitated from 1mg of A549 whole cell lysate. A549 whole cell lysate 10ug (Input). The second antibody be without interference from denatured IgG.

1 Publications Citing This Product

1. PubMed ID: 17118848, Li M, Liu W, Zhu Yf, Chen Yl, Zhang Bz, Wang R. Acta Oncol. 2006;45(8):1115-9. Correlation Of Cox-2 And K-Ras Expression To Clinical Outcome In Gastric Cancer.

Visit bosterbio.com/anti-kras-hras-nras-rabbit-monoclonal-antibody-m00099-1-boster.html to see all 1 publications.

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