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Anti-Ras NRAS Rabbit Monoclonal Antibody

Catalog Number: M00099

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Overview

Product Name	Anti-Ras NRAS Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Ras NRAS Rabbit Monoclonal Antibody catalog # M00099. Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IP, IF, IHC, ICC, WB
Clonality	Monoclonal AOFE-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 Ras
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB, 1:500-2000

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

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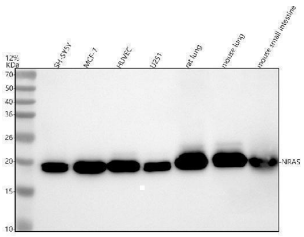
Anti-Ras NRAS Rabbit Monoclonal Antibody (M00099) Images



Western blot analysis of NRAS using anti-NRAS antibody (M00099). Electrophoresis was performed on a 12% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human SH-SY5Y whole cell lysates, Lane 2: human MCF-7 whole cell lysates, Lane 3: human HUVEC whole cell lysates, Lane 4: human U251 whole cell lysates, Lane 5: rat lung tissue lysates, Lane 6: mouse lung tissue lysates, Lane 7: mouse small intestine tissue 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-NRAS antigen affinity purified monoclonal antibody (M00099) at 1:1000 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 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for NRAS at approximately 21 kDa. The expected band size for NRAS is at 21 kDa.

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.

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