

DATASHEET

B-RAF Mouse Monoclonal Antibody(C3462)

CAT. NO. AMA03074

KEY FEATURES

Target	B-RAF	Source / Host	Mouse
Reactivity	Human, Mouse	Clonality	Monoclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.	Storage	at-20°C

BACKGROUND

Protein kinase involved in the transduction of mitogenic signals from the cell membrane to the nucleus (Probable). Phosphorylates MAP2K1, and thereby activates the MAP kinase signal transduction pathway . Phosphorylates MAP2K1, and thereby activates the MAP kinase signal transduction pathway . Phosphorylates PFKFB2 . May play a role in the postsynaptic responses of hippocampal neurons .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Mouse monoclonal antibody to B-RAF
Specificity	Recognizes endogenous levels of B-RAF protein.
Antibody Type	Primary antibody
Immunogen	Purified recombinant human B Raf protein fragments expressed in E.coli.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 84 kD; Observed: 87 kD
Form/Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Alternative Names	BRAF1; RAFB1; Serine/threonine-protein kinase B-raf; Proto-oncogene B-Raf; p94; v-Raf murine sarcoma viral oncogene homolog B1
Gene Symbol	BRAF
Entrez Gene	673(Human); 109880(Mouse)
SwissProt	P15056(Human); P28028(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

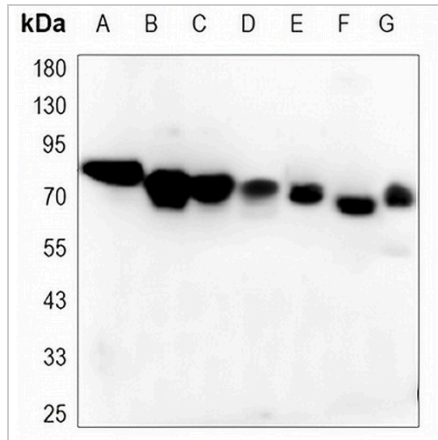
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA



Western blot analysis of B-RAF expression in MDAMB468 (A), T47D (B), MCF7 (C), HCT116 (D), C2C12 (E), NIH3T3 (F), Hela (G) whole cell lysates. (Predicted band size: 84 kD; Observed band size: 87 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.