

Product Name: BRAF (4E1) Mouse Monoclonal Antibody
Catalog #: AMM03654



Summary

Production Name	BRAF (4E1) Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG2a
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Immunogen

Gene Name	BRAF
Alternative Names	BRAF; BRAF1; RAFB1; Serine/threonine-protein kinase B-raf; Proto-oncogene B-Raf; p94; v-Raf murine sarcoma viral oncogene homolog B1
Gene ID	673
SwissProt ID	P15056.

Application

Dilution Ratio	WB: 1:500-1:1000
Molecular Weight	Calculated MW: 84 kDa; Observed MW: 87 kDa

Background

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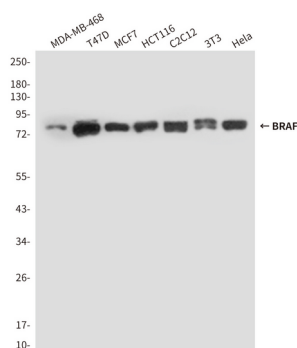


Involved in the transduction of mitogenic signals from the cell membrane to the nucleus. May play a role in the postsynaptic responses of hippocampal neuron. Frequently mutated in thyroid cancers, skin melanomas and at lower frequency in a wide range of human cancers. An activating mutation, mimicking phosphorylation of the activation loop, is seen in 60% of malignant melanoma samples. Raf mutations are generally exclusive to Ras activating mutations.

Research Area

Cell Biology

Image Data



Western blot analysis of B Raf in MDA-MB-468, T47D, MCF-7, HCT116, C2C12, 3T3 and HeLa lysates using B Raf antibody.

Note

For research use only.