

Mouse BRAF Monoclonal Antibody | anti-BRAF antibody

BRAF antibody

CATALOG # AAA106524	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

BRAF; Monoclonal Antibody; BRAF antibody; Monoclonal BRAF; Anti-BRAF; V-raf murine sarcoma viral oncogene homolog B1; BRAF1; B-RAF1; RAFB1; B RAF1; anti-BRAF antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1H12F1
Form/Format	Supplied as a liquid in ascitic fluid containing 0.03% sodium azide.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	263
Applicable Applications for anti-BRAF antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Biological Significance	BRAF is one of the main effectors recruited by GTP-bound Ras to activate the MEK-MAP kinase pathway. B-Raf contains three consensus Akt phosphorylation sites. B-Raf is a key regulatory molecule of the mitogen-activated protein kinase kinase (MEK), it has a long amino-terminal region, the region is essential for homo-dimerization of B-Raf and hetero-dimerization of B-Raf and c-Raf at the plasma membrane, followed by phosphorylation of Thr118 in the amino-terminal B-Raf-specific region. Notably, in calcium ionophore-stimulated HeLa cells, B-Raf could propagate signals to MEK under the basal level of GTP-Ras.
Cross-Reactivity	Human
Immunogen	BRAF antibody was raised in Mouse using a purified recombinant fragment of BRAF expressed in E Coli as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human bladder carcinoma tissue (left) and lung carcinoma tissue (right) showing cytoplasmic localization using BRAF antibody with DAB staining.



WB (Western Blot)

Western Blot showing using BRAF antibody used against HEK293T cells transfected with the pCMV6-ENTRY control (1) and pCMV6-ENTRY Braf cDNA (2).



WB (Western Blot)

Western Blot showing BRAF antibody used against truncated recombinant Braf (1) and A431 cell lysate (2).

ADDITIONAL INFORMATION

Related Product Information for anti-BRAF antibody	Mouse monoclonal BRAF antibody
Product Categories/Family for anti-BRAF antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	224371729
NCBI GeneID	7503520
NCBI Accession #	YP_002605893.1
NCBI GenBank Nucleotide #	NC_012108.1
Molecular Weight	28,446 Da
NCBI Official Full Name	BraF
UniProt Protein Name	BraF
UniProt Gene Name	braF
UniProt Entry Name	C0QH70_DESAH

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/braf-antibody-clone-1h12f1-western-blot-immunohistochemistry-elisa/106524>