

Mouse BRAF Monoclonal Antibody | anti-BRAF antibody

BRAF antibody

CATALOG # AAA225010	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence, ELISA
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1H12
Form/Format	Liquid in ascitic fluid containing 0.03% sodium azide.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	271
Applicable Applications for anti-BRAF antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ELISA
Immunogen	BRAF antibody was raised in Mouse using a purified recombinant fragment of human BRAF expressed in E Coli as the immunogen.
Cross-Reactivity	Human, Mouse
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



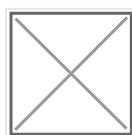
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human testis tissues using BRAF antibody.



WB (Western Blot)

Western Blot showing BRAF antibody used against Hela (1), HL60 (2), HepG2 (3) and NIH/3T3 (4) cell lysate.



IF (Immunofluorescence)

Confocal immunofluorescence analysis of MCF-7 (left) and HepG2 (right) cells using BRAF antibody (green). Red: Actin filaments have been labeled with DY-554 phalloidin. Blue: DRAQ5 fluorescent DNA dye

ADDITIONAL INFORMATION

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	291151224
Molecular Weight	30,192 Da
NCBI Official Full Name	BraF
UniProt Protein Name	BraF
UniProt Gene Name	braF

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-1h12-western-blot-immunohistochemistry-immunofluorescence-elisa/225010>