

B Raf Antibody
Purified Mouse Monoclonal Antibody (Mab)
Catalog # AP52718

Specification

B Raf Antibody - Product Information

Application	WB
Primary Accession	P15056
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Calculated MW	87 KDa

B Raf Antibody - Additional Information

Gene ID 673

Other Names

FLJ95109;94 kDa B raf protein;B raf 1;B Raf proto oncogene serine threonine protein kinase;B-Raf proto-oncogene serine/threonine-protein kinase (p94);BRAF 1;BRAF;BRAF_HUMAN;BRAF1;cRmil;MGC126806;MGC138284;Murine sarcoma viral (v-raf) oncogene homolog B1;Murine sarcoma viral v raf oncogene homolog B1;NS7;oncogene BRAF1;p94;Proto-oncogene B-Raf;Proto-oncogene c-Rmil;RAFB 1;RAFB1;RMIL;Serine/threonine-protein kinase B-raf;v raf murine sarcoma viral oncogene homolog B;v raf murine sarcoma viral oncogene homolog B1;v-Raf murine sarcoma viral oncogene homolog B1

Dilution

WB~~1:1000

Format

Purified mouse monoclonal antibody in PBS(pH 7.4) containing with 0.09% (W/V) sodium azide and 50% glycerol.

Storage

Store at -20 °C.Stable for 12 months from date of receipt

B Raf Antibody - Protein Information

Name BRAF ([HGNC:1097](#))

Synonyms BRAF1, RAFB1

Function

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 (PubMed:

target="_blank">21441910, PubMed:29433126). Phosphorylates PFKFB2 (PubMed:36402789). May play a role in the postsynaptic responses of hippocampal neurons (PubMed:1508179).

Cellular Location

Nucleus. Cytoplasm. Cell membrane. Note=Colocalizes with RGS14 and RAF1 in both the cytoplasm and membranes.

Tissue Location

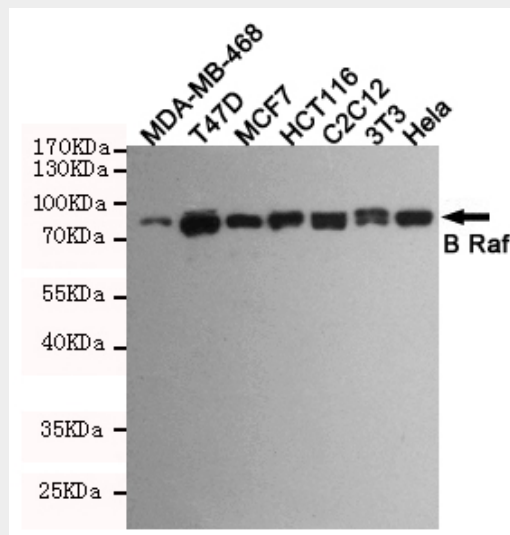
Brain and testis.

B Raf Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

B Raf Antibody - Images



Western blot detection of B Raf in MDA-MB-468,T47D,MCF7,HCT116,C2C12,3T3 and HeLa cell lysates using B Raf mouse mAb (1:1000 diluted).Predicted band size:87KDa.Observed band size:87KDa.

B Raf Antibody - Background

Protein kinase 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. Phosphorylates MAP2K1, and thereby contributes to the MAP kinase signal transduction pathway.

B Raf Antibody - References

- Stephens R.M., et al. Mol. Cell. Biol. 12:3733-3742(1992).
Albert S., et al. Submitted (JAN-2004) to the EMBL/GenBank/DDBJ databases.
Scherer S.W., et al. Science 300:767-772(2003).
Hillier L.W., et al. Nature 424:157-164(2003).
Eychene A., et al. Oncogene 7:1657-1660(1992).