

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:<a href="http://www.uniprot.org/citations/21441910"

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

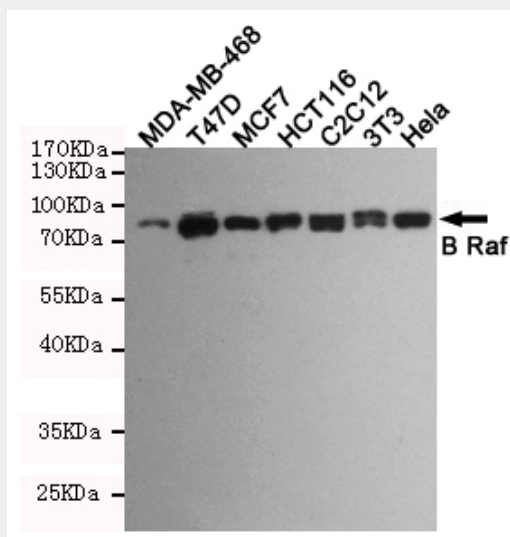
Brain and testis.

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).