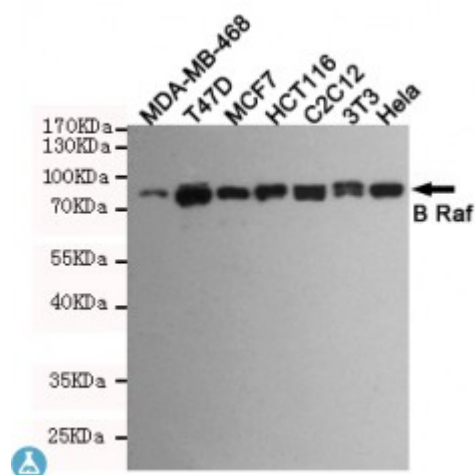


Anti-B Raf antibody



Description	Mouse monoclonal to B Raf.
Model	STJ99107
Host	Mouse
Reactivity	Human, Mouse
Applications	ELISA, WB
Immunogen	Purified recombinant human B Raf protein fragments expressed in E.coli.
Gene ID	673
Gene Symbol	BRAF
Dilution range	WB 1:500-2000ELISA 1:10000-20000
Specificity	This antibody detects endogenous levels of B Raf and does not cross-react with related proteins.
Tissue Specificity	Brain and testis.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clone ID	4E1-E1-F9
Note	For Research Use Only (RUO).
Protein Name	Serine/threonine-protein kinase B-raf Proto-oncogene B-Raf p94 v-Raf murine sarcoma viral oncogene homolog B1
Molecular Weight	87kDa
Clonality	Monoclonal

Conjugation	Unconjugated
Isotype	IgG2a
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:10970MIM:114500
Alternative Names	Serine/threonine-protein kinase B-raf Proto-oncogene B-Raf p94 v-Raf murine sarcoma viral oncogene homolog B1
Function	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.
Cellular Localization	Nucleus Cytoplasm. Cell membrane. Colocalizes with RGS14 and RAF1 in both the cytoplasm and membranes.
Post-translational Modifications	Phosphorylation at Ser-365 by SGK1 inhibits its activity. Methylation at Arg-671 decreases stability and kinase activity. Ubiquitinated by RNF149; which leads to proteasomal degradation. Polyubiquitinated at Lys-578 in response to EGF.

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