

Anti-B-RAF Antibody

Catalog # AP95704

Product Information

Application	WB, IHC, FC
Primary Accession	P15056
Reactivity	Human, Mouse, Mk
Host	Mouse
Clonality	Monoclonal
Calculated MW	84437

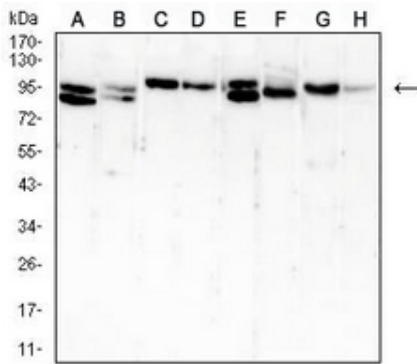
Additional Information

Gene ID	673
Other Names	BRAF1; RAFB1; Serine/threonine-protein kinase B-raf; Proto-oncogene B-Raf; p94; v-Raf murine sarcoma viral oncogene homolog B1
Target/Specificity	Recombinant fusion protein of human B-RAF expressed in HEK293
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~FC (1/100 - 1/200)
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

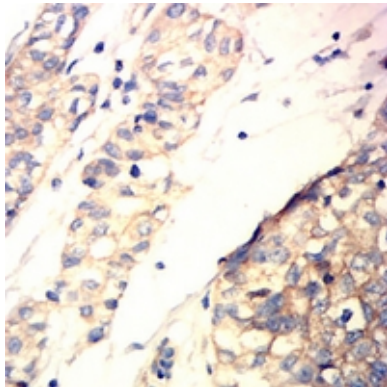
Protein Information

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: 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.

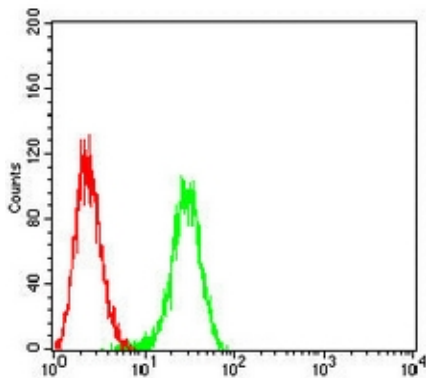
Images



Western blot analysis of B-RAF expression in Hela (A), HT29 (B), MOLT4 (C), T47D (D), HePG2 (E), NIH/3T3 (F), PC12 (G), COS7 (H) whole cell lysates. (Predicted band size: 84 kD; Observed band size: 95 kD)



Immunohistochemical analysis of B-RAF staining in human bladder cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Flow cytometric analysis of BEL7402 cells using Anti-B-RAF Antibody (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.