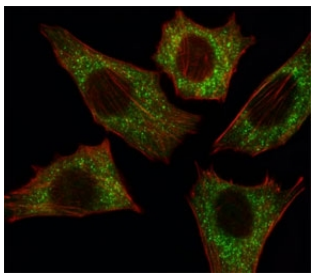
B-RAF Antibody (F50792)

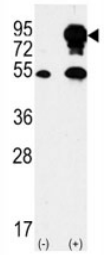
Catalog No.	Formulation	Size
F50792-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50792-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

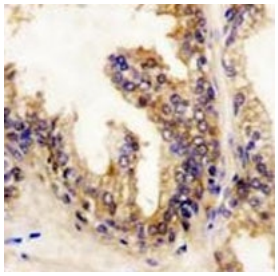
Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Chicken
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P15056
Applications	Immunofluorescence : 1:10-1:50 Western Blot : 1:1000 IHC (Paraffin) : 1:10-1:50 Flow Cytometry : 1:10-1:50
Limitations	This B-RAF antibody is available for research use only.



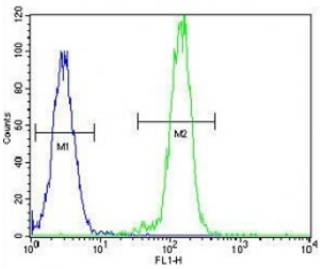
Fluorescent image of C2C12 cell stained with B-RAF antibody at 1:25. Immunoreactivity is localized to the cytoplasm.



Western blot analysis of B-RAF antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the BRAF gene (2). Predicted size 85-95 kDa



IHC analysis of FFPE human prostate carcinoma stained with B-RAF antibody



B-RAF antibody flow cytometric analysis of HeLa cells (right histogram) compared to a negative control (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

BRAF is a human gene, with the protein more formally known as serine/threonine-protein kinase B-Raf. The protein is involved in sending signals inside cells, which are involved in directing cell growth. Drugs that treat cancers driven by BRAF mutations have been developed. Two of these drugs, Vemurafenib and Dabrafenib are approved by FDA for treatment of late-stage melanoma. [Wiki]

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the B-RAF antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 424-453 from the human protein was used as the immunogen for this B-RAF antibody.

Storage

Store at 4oC for up to one month. For long term, aliquot the B-RAF antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.