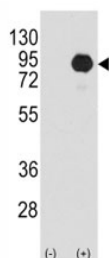


## BRAF Antibody (F50794)

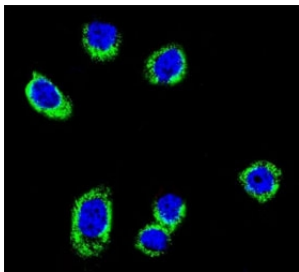
Catalog No.	Formulation	Size
F50794-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50794-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

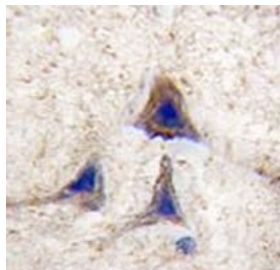
Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Chicken
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P15056
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:10-1:50 Immunofluorescence :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



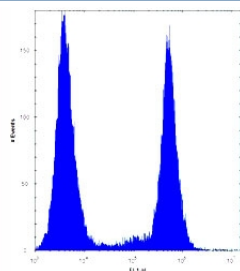
Western blot analysis of BRAF antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the B-RAF gene (2). Predicted size 85-95 kDa



Confocal immunofluorescent analysis of BRAF antibody with HeLa cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).



IHC analysis of FFPE human brain tissue stained with BRAF antibody



BRAF antibody flow cytometric analysis of HeLa cells (right histogram) compared to a negative control (left histogram).

## Description

BRAF is a 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. [UniProt]

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the BRAF 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 BRAF antibody.

## Storage

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

