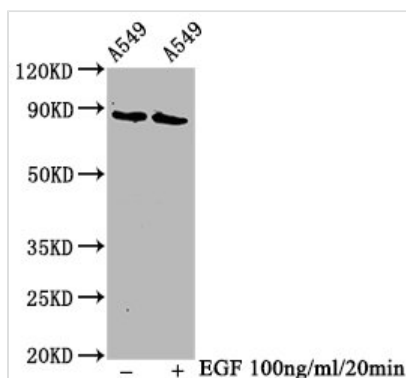




# Phospho-BRAF (T401) Recombinant Monoclonal Antibody

<b>Product Code</b>	CSB-RA002791A401phHU
<b>Abbreviation</b>	Serine/threonine-protein kinase B-raf
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Uniprot No.</b>	P15056
<b>Immunogen</b>	A synthesized peptide derived from Human Phospho-BRAF (T401)
<b>Species Reactivity</b>	Human
<b>Tested Applications</b>	ELISA, WB, IF; Recommended dilution: WB:1:500-1:5000, IF:1:20-1:200
<b>Relevance</b>	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>Form</b>	Liquid
<b>Conjugate</b>	Non-conjugated
<b>Storage Buffer</b>	Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
<b>Purification Method</b>	Affinity-chromatography
<b>Isotype</b>	Rabbit IgG
<b>Clonality</b>	Monoclonal
<b>Alias</b>	Serine/threonine-protein kinase B-raf, Proto-oncogene B-Raf, p94, v-Raf murine sarcoma viral oncogene homolog B1, BRAF, BRAF1, RAFB1
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Research Area</b>	Cell Biology
<b>Target Names</b>	BRAF
<b>Clone No.</b>	4B9

## Image



### Western Blot

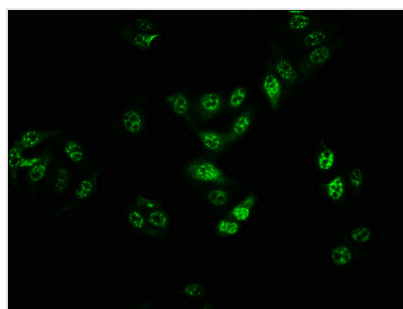
Positive WB detected in A549 whole cell lysate (treated with EGF or not)

All lanes Phospho-BRAF antibody at 1.3µg/ml  
Secondary

Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 85 KDa

Observed band size: 85 KDa



Immunofluorescence staining of HepG2 cells with CSB-RA002791A401pHUU at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).

## Usage

For Research Use Only. Not for use in diagnostic or therapeutic procedures.