

B Raf(Phospho-T401) Rabbit mAb

Catalog No: #13416

Package Size: #13416-1 50ul #13416-2 100ul

Description

Product Name	B Raf(Phospho-T401) Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Clone No.	JJ08-72
Purification	ProA affinity purified
Applications	WB, ICC/IF, IHC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Synthetic phospho-peptide corresponding to residues surrounding Thr401 of human B Raf.
Conjugates	Unconjugated
Other Names	FLJ95109 antibody 94 kDa B raf protein antibody B raf 1 antibody B Raf proto oncogene serine threonine protein kinase antibody B Raf proto oncogene, serine/threonine kinase antibody B RAF1 antibody B-Raf proto-oncogene serine/threonine-protein kinase (p94) antibody BRAF 1 antibody BRAF antibody BRAF_HUMAN antibody BRAF1 antibody cRmil antibody MGC126806 antibody MGC138284 antibody Murine sarcoma viral (v-raf) oncogene homolog B1 antibody Murine sarcoma viral v raf oncogene homolog B1 antibody NS7 antibody Oncogen BRAF antibody oncogene BRAF1 antibody p94 antibody Proto-oncogene B-Raf antibody Proto-oncogene c-Rmil antibody RAFB 1 antibody RAFB1 antibody RMIL antibody Serine/threonine-protein kinase B-raf antibody v raf murine sarcoma viral oncogene homolog B antibody v raf murine sarcoma viral oncogene homolog B1 antibody v-Raf murine sarcoma viral oncogene homolog B1 antibody
Accession No.	Swiss-Prot#:P15056
Calculated MW	Predicted band size: 84 kDa
SDS-PAGE MW	Observed band size: 84 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

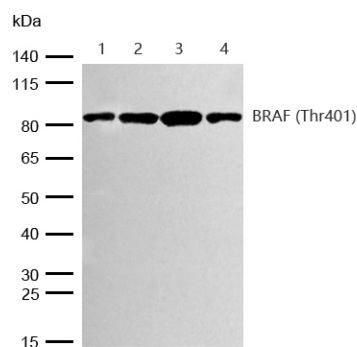
Application Details

WB: 1:500-1:2000

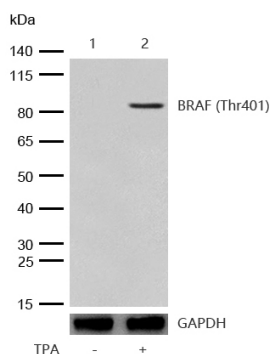
ICC/IF: 1:50-1:200

IHC: 1:50-1:200

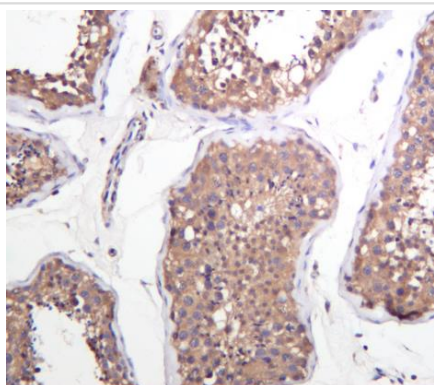
Images



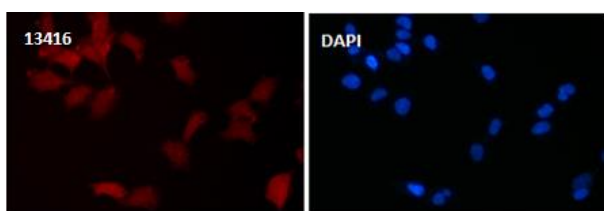
All lanes : B Raf(Phospho-T401) Rabbit mAb at 1/1k dilution
 Lane 1 : K562 whole cell lysates
 Lane 2 : C6 whole cell lysates
 Lane 3 : 3T3 whole cell lysates
 Lane 4 : Hela whole cell lysates
 Lysates/proteins at 20 µg per lane.
 Secondary All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution
 Predicted band size: 84 kDa Observed band size: 84 kDa
 Exposure time: 8 seconds



All lanes : B Raf(Phospho-T401) Rabbit mAb at 1/1k dilution
 Lane 1 : PC12 whole cell lysates
 Lane 2 : PC12 treated with 200nM TPA for 30 minutes whole cell lysates
 Lysates/proteins at 20 µg per lane.
 Secondary All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution
 Predicted band size: 84 kDa Observed band size: 84 kDa
 Exposure time: 7 seconds



Formalin-fixed, paraffin-embedded human testis tissue stained for B Raf (Phospho-T401) using 13416 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence B Raf(Phospho-T401) antibody (13416)
 ICC/IF staining of B Raf(Phospho-T401) in HEK293 cells.
 Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.
 Samples were incubated with 13416 at a working dilution of 1/100. The secondary antibody was Alexa Fluor 647 goat anti rabbit, used at a dilution of 1/500.
 Nuclei were counterstained with DAPI.

Background

Several serine/threonine protein kinases have been implicated as intermediates in signal transduction pathways. These include ERK/MAP kinases, ribosomal S6 kinase (Rsk) and Raf-1. Raf-1 is a cytoplasmic protein with intrinsic serine/threonine activity. It is broadly expressed in nearly all cell lines tested to date and is the cellular homolog of v-Raf, the product of the transforming gene of the 3611 strain of murine sarcoma virus. The unregulated kinase activity of the v-Raf protein has been associated with transformation and mitogenesis, while the activity of Raf-1 is normally suppressed by a regulatory N-terminal domain. Raf-A, a second member of the Raf gene family of serine/threonine protein kinases, exhibits substantial homology to Raf-1 within the kinase domain of the two molecules, but less homology elsewhere. Expression of Raf-B is highly restricted, with highest levels in the cerebrum and testis.

References

Note: This product is for in vitro research use only and is not intended for use in humans or animals.