Product Datasheet

A-RAF Rabbit mAb

Catalog No: #49225

Package Size: #49225-1 50ul #49225-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

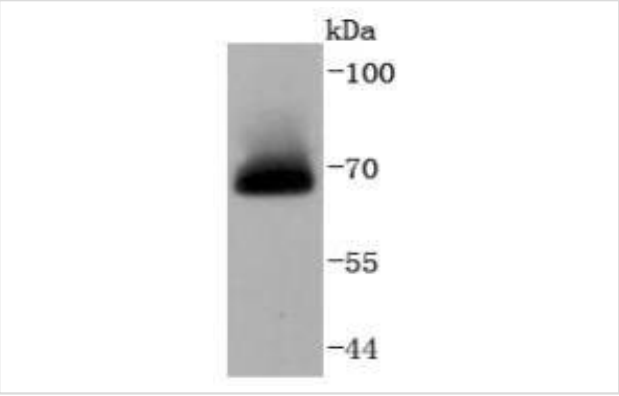
Description

Product Name	A-RAF Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JJ08-68
Purification	ProA affinity purified
Applications	WB, ICC/IF, IHC, FC
Species Reactivity	Hu
Immunogen Description	recombinant protein
Other Names	A raf 1 antibody A Raf proto oncogene serine/threonine protein kinase antibody ARAF 1 antibody Araf antibody ARaf proto oncogene serine/threonine protein kinase antibody ARAF_HUMAN antibody ARAF1 antibody Oncogene Araf1 antibody Oncogene PKS2 antibody PKS 2 antibody PKS antibody PKS2 antibody Proto oncogene Pks antibody Proto-oncogene A-Raf antibody Proto-oncogene A-Raf-1 antibody Proto-oncogene Pks antibody RAFA 1 antibody RAFA1 antibody Ras binding protein DA Raf antibody Serine/threonine-protein kinase A-Raf antibody v raf murine sarcoma 3611 viral oncogene homolog antibody v raf murine sarcoma 3611 viral oncogene homolog 1 antibody v raf oncogene homolog 1 (murine sarcoma 3611 virus) antibody
Accession No.	Swiss-Prot#:P10398
Uniprot	P10398
GeneID	369;
Calculated MW	68 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

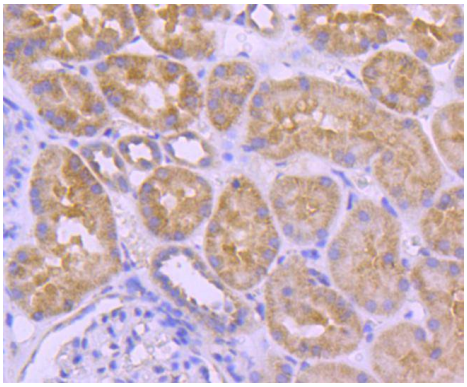
Application Details

WB: 1:1,000-1:2,000 IHC: 1:50-1:200 ICC: 1:50-1:200FC: 1:50-1:100

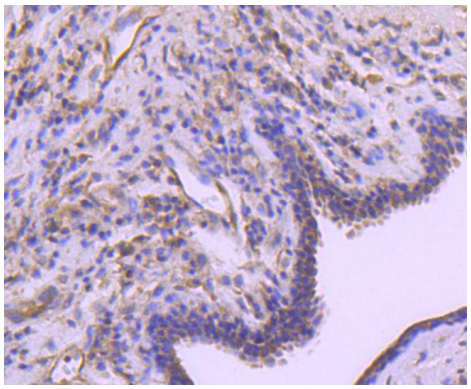
Images



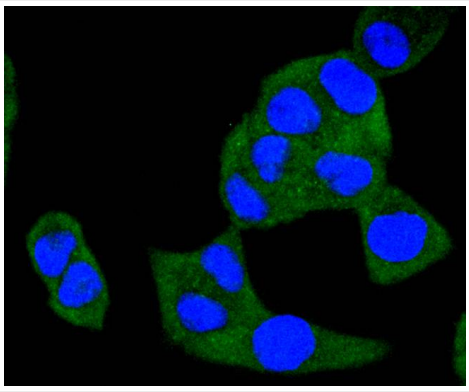
Western blot analysis of A-RAF on Hela cells lysates using anti-A-RAF antibody at 1/1,000 dilution.



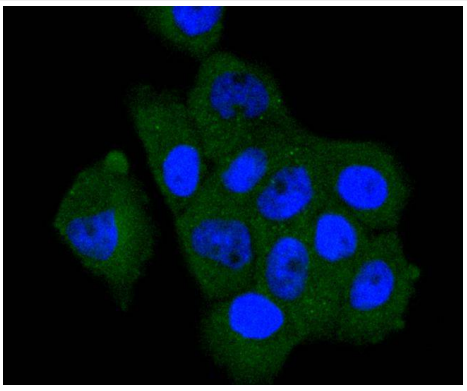
Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-A-RAF antibody. Counter stained with hematoxylin.



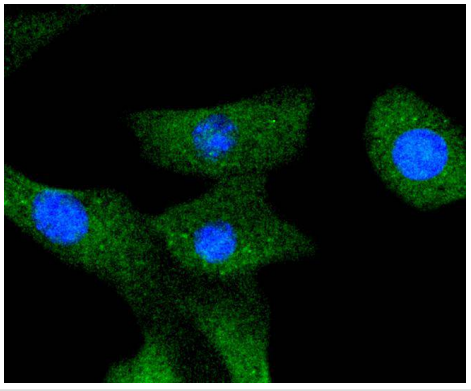
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using anti-A-RAF antibody. Counter stained with hematoxylin.



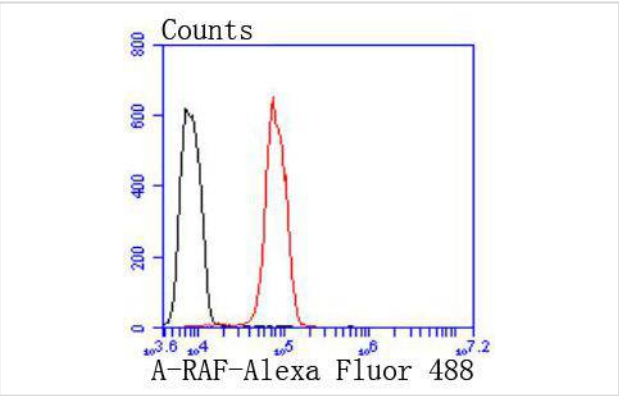
ICC staining A-RAF in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining A-RAF in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining A-RAF in NIH/3T3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Flow cytometric analysis of Hela cells with A-RAF antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.

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. A-Raf, 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 A-Raf is found at highest levels in urogenital tissues and kidney and at lowest level in brain tissue.

References

Note: This product is for in vitro research use only