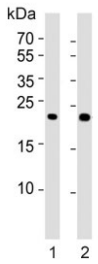
FGF9 Antibody (F54755)

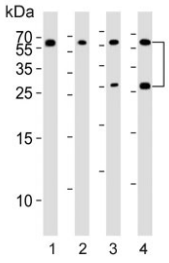
Catalog No.	Formulation	Size
F54755-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54755-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

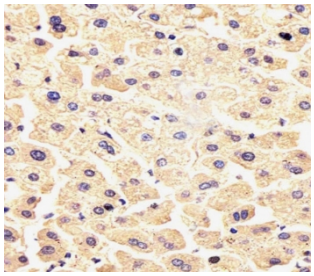
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	P31371
Applications	IHC Flow cytometry: 1:25 (1x10e6 cells) Western blot: 1:500-1:2000
Limitations	This FGF9 antibody is available for research use only.



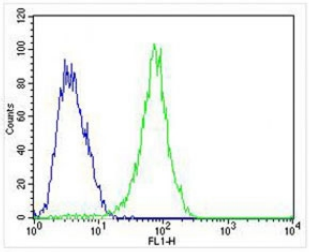
Western blot testing of human 1) brain and 2) kidney tissue lysate with FGF9 antibody. Predicted molecular weight ~23 kDa with a possible 45-55 kDa dimer.



Western blot testing of 1) human SW480, 2) mouse kidney, 3) human brain and 4) human kidney tissue lysate with FGF9 antibody. Predicted molecular weight ~23 kDa with a possible 45-55 kDa dimer.



IHC testing of FFPE human liver tissue with FGF9 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Flow cytometry testing of fixed and permeabilized human MCF7 cells with FGF9 antibody; Blue=isotype control, Green= FGF9 antibody.

Description

Plays an important role in the regulation of embryonic development, cell proliferation, cell differentiation and cell migration. May have a role in glial cell growth and differentiation during development, gliosis during repair and regeneration of brain tissue after damage, differentiation and survival of neuronal cells, and growth stimulation of glial tumors.

Application Notes

The stated application concentrations are suggested starting points. Titration of the FGF9 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Recombinant human protein was used as the immunogen for the FGF9 antibody.

Storage

Aliquot the FGF9 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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