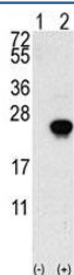


FGF1 Antibody (F49618)

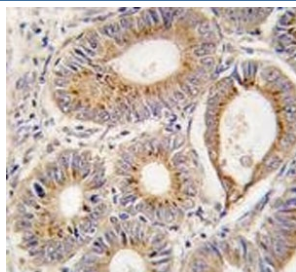
Catalog No.	Formulation	Size
F49618-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F49618-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

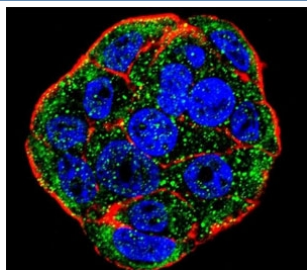
Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Pig
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P05230
Localization	Cytoplasmic
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:10-1:50 Immunofluorescence : 1:10-1:50
Limitations	This FGF1 antibody is available for research use only.



Western blot analysis of FGF1 antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the FGF1 gene (2).



IHC analysis of FFPE human colon carcinoma tissue stained with FGF1 antibody



Confocal immunofluorescent analysis of FGF1 antibody with WiDr cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 Phalloidin (red). DAPI was used as a nuclear counterstain (blue).

Description

FGF1 is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This protein functions as a modifier of endothelial cell migration and proliferation, as well as an angiogenic factor. It acts as a mitogen for a variety of mesoderm- and neuroectoderm-derived cells in vitro, thus is thought to be involved in organogenesis.

Application Notes

Titration of the FGF1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 5-30 from the human protein was used as the immunogen for this FGF1 antibody.

Storage

Aliquot the FGF1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.