BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-FGF9 Antibody

Catalog Number: M02274

About FGF9

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.

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Overview

Product Name	Anti-FGF9 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-FGF9 Antibody (Catalog # M02274). Tested in IHC, Flow Cytometry, WB application(s). This antibody reacts with Human, Mouse.
Application	Flow Cytometry, IHC, WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P31371

Technical Details

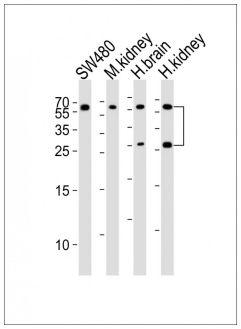
Immunogen	This FGF9 antibody is generated from a rabbit immunized with a recombinant protein of human FGF9.
Predicted Reactive Species	Bovine, Chicken, Horse, Monkey, Pig, Sheep, Xenopus
Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.

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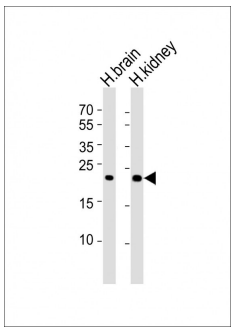
Suggested Dilutions	WB: 1:4000 IHC: 1:25 FC: 1:25

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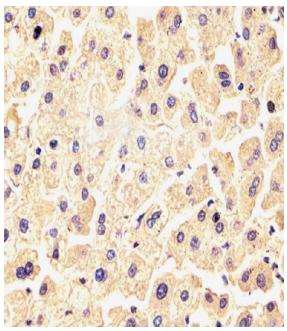
Anti-FGF9 Antibody (M02274) Images



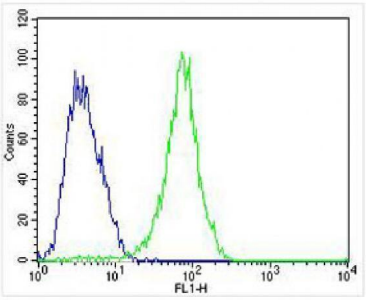
All lanes : Anti-FGF9 Antibody at 1:4000 dilutionLane 1: SW480 whole cell lysatesLane 2: mouse kidney lysatesLane 3: human brain lysatesLane 4: human kidney lysatesLysates/proteins at 20 µg per lane. SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 23 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



All lanes : Anti-FGF9 Antibody at 1:4000 dilutionLane 1: human brain lysatesLane 2: human kidney lysatesLysates/proteins at 20 µg per lane. SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilutionPredicted band size : 23 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



M02274 staining FGF9 in Human liver tissue sections by Immunohistochemistry (IHC-P -paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0. 5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



Overlay histogram showing MCF-7 cells stained with M02274 (green line). The cells were fixed with 4% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then icubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (, 1:25 dilution) for 60 min at 37ºC. The secondary antibody used was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) at 1/400 dilution for 40 min at 37ºC. Isotype control antibody (blue line) was rabbit IgG1 (1g/1x10^6 cells) used under the same conditions. Acquisition of >10, 000 events was performed.

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