

Datasheet for ABIN6243203

anti-FGF9 antibody

4 Images

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Overview

Quantity:	400 µL
Target:	FGF9 (FGF-9)
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FGF9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Immunogen:	This FGF9 antibody is generated from a rabbit immunized with a recombinant protein of human FGF9.
Clone:	RB51887
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	FGF9 (FGF-9)
Alternative Name:	FGF9 (FGF-9 Products)
Background:	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

Target Details

and survival of neuronal cells, and growth stimulation of glial tumors.

Molecular Weight: 23441

UniProt: [P31371](#)

Application Details

Application Notes: WB: 1:4000. WB: 1:4000. IHC: 1:25. FC: 1:25

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

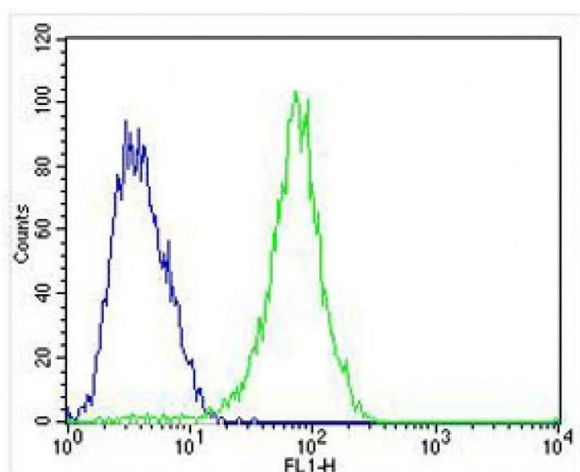
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

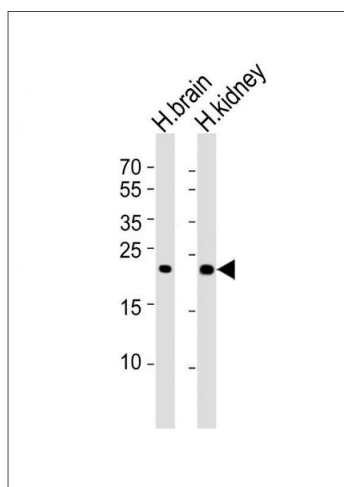
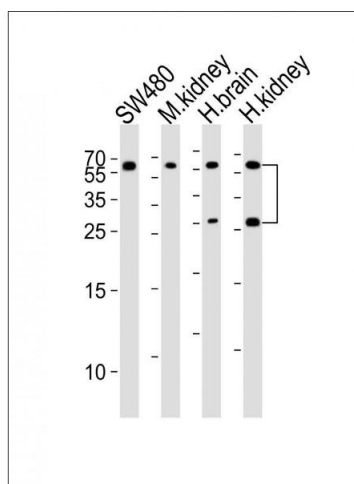
Expiry Date: 6 months

Images



Flow Cytometry

Image 1. Overlay histogram showing MCF-7 cells stained with (ABIN6243203 and ABIN6577910) (green line). The cells were fixed with 4 % paraformaldehyde (10 min) and then permeabilized with 90 % methanol for 10 min. The cells were then incubated in 2 % bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (, 1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) (1583138) at 1/400 dilution for 40 min at 37 °C. Isotype control antibody (blue line) was rabbit IgG1 (1 µg/1x10⁶ cells) used under the same conditions. Acquisition of >10,000 events was performed.



Western Blotting

Image 2. All lanes : Anti-FGF9 Antibody at 1:4000 dilution
Lane 1: S whole cell lysates Lane 2: mouse kidney lysates
Lane 3: human brain lysates Lane 4: human kidney lysates
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 23 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Western Blotting

Image 3. All lanes : Anti-FGF9 Antibody at 1:4000 dilution
Lane 1: human brain lysates Lane 2: human kidney lysates
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 23 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6243203.