

FGFb Rabbit Recombinant Oligoclonal Antibody – Purified

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Rev. Date: 15 September 2011

Catalog Number: 710148

Store at 2–8°C

Clonality: Oligoclonal
Concentration: 0.5 mg/mL
Quantity: 100 µg
Volume: 200 µL

Host/Class: Rabbit IgG
Reactivity: Human FGF2 (basic)
Predicted Reactivity: Human

Product Description

FGFb (fibroblast growth factor basic) or FGF2, belongs to the fibroblast growth factor (FGF) family, and interact with high-affinity transmembrane receptors to influence cell proliferation and tissue neovascularization. FGFb exists as five isoforms with distinct intracellular localizations and functions. The 18 kDa isoform is predominantly cytosolic and acts through cell surface receptors, whereas the 22, 22.5, 24 and 34 kDa isoforms are nuclear and may signal independent of transmembrane receptor pathways. In humans, the gene is located on the q arm of chromosome 4.

Product Specifications

Immunogen: Recombinant protein corresponding to amino acids 163–285 of human FGF2 (basic)
Alternate Names: HBGF-2
Apparent MW: ~17 kDa
Gene ID: 2247
Protein Accession No.: P09038
Sequence Identity: Human
Clone/PAD: 7HCLC
Lot: See product label

Product Applications

Application	Species	Test Material	Concentration
Western blotting	Human	Active recombinant protein	0.5–3 µg/mL
Indirect ELISA	Human	Recombinant protein	1.5 × 10 ⁻⁴ to 3 µg/mL

Storage and Handling

Store the antibody at 2–8°C for up to 1 month, or –20°C for long storage. Avoid repeated freezing and thawing.

Stability

Expires one year from date of receipt when stored as instructed.

Storage Buffer

Phosphate buffered saline (PBS) with 0.09% sodium azide.

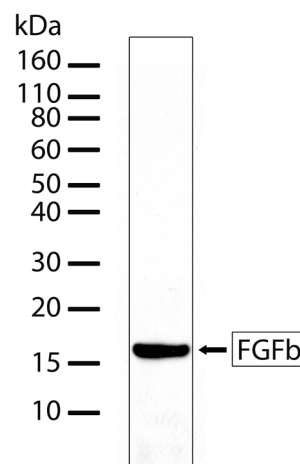


Figure 1 Western blot analysis of FGFb Rabbit Recombinant Oligoclonal Antibody (Cat. no. 710148). Western blot analysis was performed on active recombinant human FGFb protein. A band corresponding to human FGFb at ~17 kDa was detected using FGFb Rabbit Recombinant Oligoclonal Antibody at a concentration of 2.5 µg/mL.

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Safety Data Sheets (SDS)

Safety Data Sheets (SDSs) are available at www.invitrogen.com/sds.

Certificate of Analysis

The Certificate of Analysis provides detailed quality control and product qualification information for each product. Certificates of Analysis are available on our website. Go to www.invitrogen.com/support and search for the Certificate of Analysis by product lot number, which is printed on the box.

Related Products

Product Name	Quantity	Catalog No.
iBlot® Dry Blotting System	1 unit	IB1001
WesternBreeze™ Chromogenic Kit Anti-Rabbit	1 kit	WB7105
WesternBreeze™ Chemiluminescent Kit, Anti-Rabbit	1 kit	WB7106
Goat anti-mouse (H+L), HRP conj.	1 mg	G21040
Goat anti-rabbit (H+L), HRP conj.	1 mg	G21234
Goat anti-mouse (H+L), AP conj.	1 mg	G21060
Goat anti-rabbit (H+L), AP conj.	1 mg	G21079
Nitrocellulose, 0.2 µm	20/pack	LC2000

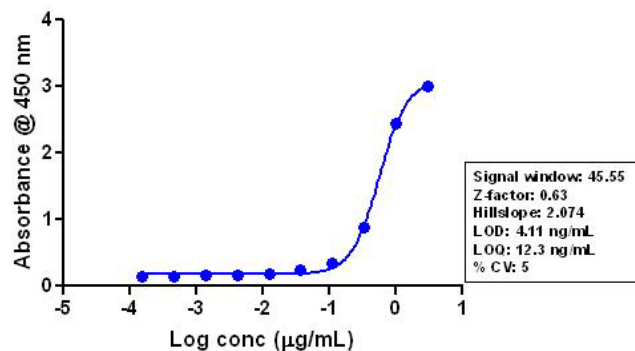


Figure 2 Indirect ELISA of FGFB Rabbit Recombinant Oligoclonal Antibody (Cat. no. 710148). Indirect ELISA was performed using various dilutions of FGFB Rabbit Recombinant Oligoclonal Antibody (Cat. no. 710148) to detect recombinant FGFB protein coated onto the plate. A non-linear regression analysis was performed (4 PL) and LOD and LOQ for the antibody was determined.

Explanation of symbols

Symbol	Description	Symbol	Description
	Catalogue Number		Batch code
	Research Use Only		In vitro diagnostic medical device
	Use by		Temperature limitation
	Manufacturer		European Community authorised representative
	Without, does not contain		With, contains
	Protect from light		Consult accompanying documents
	Directs the user to consult instructions for use (IFU), accompanying the product.		

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