

For Research Use Only

FGF2 Polyclonal antibody

Catalog Number: 30333-1-AP

1 Publications



Basic Information

Catalog Number:

30333-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG28653

GenBank Accession Number:

NM_002006

GeneID (NCBI):

2247

UNIPROT ID:

P09038

Full Name:

fibroblast growth factor 2 (basic)

Calculated MW:

31 aa

Observed MW:

21 kDa, 23 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:2000

IF/ICC: 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

IHC

Species Specificity:

human

Cited Species:

mouse

Positive Controls:

WB : K-562 cells, SKOV-3 cells, U-87 MG cells

IF/ICC : SKOV-3 cells,

Background Information

Fibroblast growth factor-2 (FGF-2), also referred to as basic FGF, belongs to a family of growth factors that stimulate proliferation of cells of mesenchymal, epithelial and neuroectodermal origin. The mRNA for this gene contains multiple polyadenylation sites, and is alternatively translated from non-AUG (CUG) and AUG initiation codons, resulting in at least five different isoforms with distinct properties.

Notable Publications

Author	Pubmed ID	Journal	Application
Yunxian Li	39061775	Bioengineering (Basel)	IHC

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

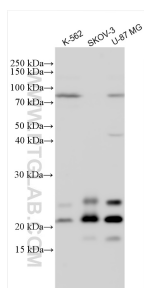
T: 4006900926

E: Proteintech-CN@ptglab.com

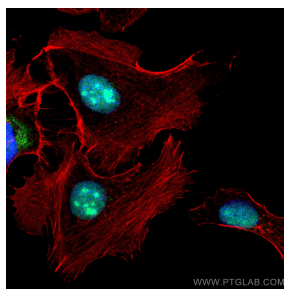
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30333-1-AP (FGF2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed SKOV-3 cells using FGF-2 antibody (30333-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-Phalloidin (red).