

For Research Use Only

IGFBP3 Polyclonal antibody, PBS Only

Catalog Number: 10189-2-PBS

Featured Product



Basic Information

Catalog Number:

10189-2-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0242

GenBank Accession Number:

BC000013

GeneID (NCBI):

3486

UNIPROT ID:

P17936

Full Name:

insulin-like growth factor binding protein 3

Calculated MW:

32 kDa

Observed MW:

32 kDa, 40-45 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse

Background Information

Insulin-like growth factor binding protein-3 (IGFBP-3) contains a 27 amino acid putative signal sequence followed by a mature protein of 264 amino acids with 18 cysteine residues clustered near the N- and C-terminus. Accordingly, expression of the cloned IGFBP-3 cDNA in mammalian tissue culture cells results in secretion of the protein into the culture medium. IGFBP-3 shares high homology (33% amino acid identity) including conservation of all 18 cysteine residues with a smaller human IGF-binding protein (BP-28) identified in amniotic fluid. IGFBP-3 has one or more glycosylation sites with a protein core of 30 kDa. Western blots revealed that the 39-45 kDa IGFBP-3 fragment is a glycoprotein. (PMID: 23403918, PMID: 24926947, PMID: 19887447)

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only

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

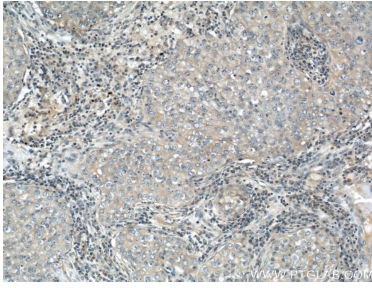
T: 4006900926

E: Proteintech-CN@ptglab.com

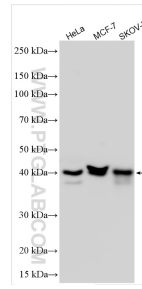
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

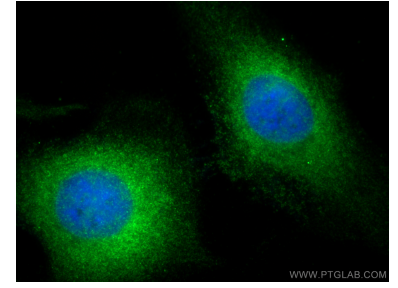
Selected Validation Data



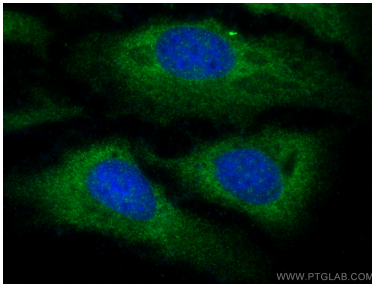
Immunohistochemical analysis of paraffin-embedded human breast cancer using 10189-2-AP (IGFBP3 antibody) at dilution of 1:50 (under 10x lens). This data was developed using the same antibody clone with 10189-2-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 10189-2-AP (IGFBP3 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 10189-2-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using IGFBP3 antibody (10189-2-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). This data was developed using the same antibody clone with 10189-2-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using IGFBP3 antibody (10189-2-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). This data was developed using the same antibody clone with 10189-2-PBS in a different storage buffer formulation.