For Research Use Only

IGFBP2 Monoclonal antibody

Catalog Number:66644-1-Ig 1 Publications

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Basic Information

Catalog Number:
66644-1-Ig

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG8421

GenBank Accession Number:
BC004312

GeneID (NCBI):
3485

UNIPROT ID:
P18065

Full Name:
IGF binding protein 2

Calculated MW:
36 kDa

Observed MW:
36 kDa

Purification Method:
Protein G purification

CloneNo.:
2F10D1

Recommended Dilutions:
WB: 1:2000-1:10000
IF/ICC: 1:200-1:800

Applications

Tested Applications:
WB, IF/ICC, ELISA

Cited Applications:
IHC

Species Specificity:
human, mouse, rat

Cited Species:
human

Positive Controls:

WB : A549 cells, T-27D cells, MCF-7 cells, PC-3 cells, NCCIT cells, 4T1 cells

IF/ICC : A549 cells,

Background Information

Insulin-like growth factors (IGFs) and their binding proteins (IGFBPs) have important metabolic roles in the human body. The levels of IGFBP2 are elevated during progression of many human cancers.

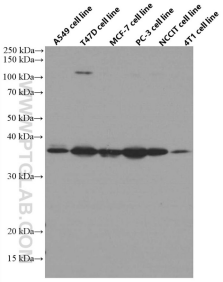
Notable Publications

Author	Pubmed ID	Journal	Application
Zhi Cao	30693666	Cancer Med	IHC

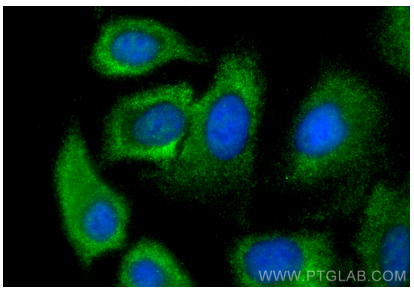
Storage

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66644-1-Ig (IGFBP2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells using IGFBP2 antibody (66644-1-Ig, Clone: 2F10D1) at dilution of 1:400 and Multi-rAb CoraLite ® Plus 488-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM002).