For Research Use Only

IGFBP2 Recombinant antibody

Catalog Number:83283-3-RR

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Basic Information

Catalog Number:
83283-3-RR

Size:
100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
NM_000597.3

GeneID (NCBI):
3485

UNIPROT ID:
P18065

Full Name:
IGF binding protein 2

Calculated MW:
35 kDa

Observed MW:
33-36 kDa

Purification Method:
Protein A purification

CloneNo.:
240227D4

Recommended Dilutions:
WB 1:5000-1:50000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
Human

Positive Controls:

WB : SH-SY5Y cells, T-47D cells, human plasma sample

Background Information

Insulin-like growth factors (IGFs) and their binding proteins (IGFBPs) have important metabolic roles in the human body. IGFBP-2 is a 34 kDa IGFBP protein with degraded fragments of 24 kDa, 19 kDa, and 15 kDa. The levels of IGFBP2 are elevated during the progression of many human cancers. IGFBP2 is expressed in invasive PAc, whereas its expression in HG-PIN is low. It can be as an Immunohistochemical Marker for Prostatic Adenocarcinoma.

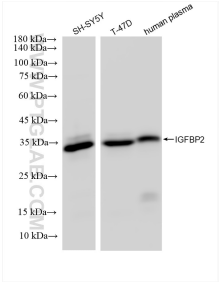
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

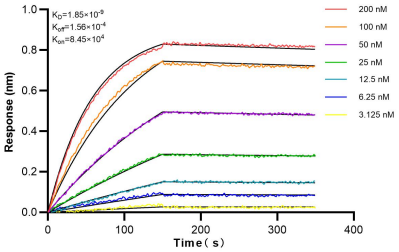
***** 20ul sizes contain 0.1% BSA**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83283-3-RR (IGFBP2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 83283-3-RR against Human IGFBP2 were performed. The affinity constant is 1.85 nM.