For Research Use Only

IGF2 Recombinant antibody, PBS Only

Catalog Number:84643-1-PBS

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Basic Information

Catalog Number:
84643-1-PBS

Size:
1 mg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
HZ-1161

GenBank Accession Number:

GeneID (NCBI):
3481

UNIPROT ID:
P01344

Full Name:
insulin-like growth factor 2 (somatomedin A)

Observed MW:
20 kDa

Purification Method:
Protein A purfication

CloneNo.:
241746D3

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

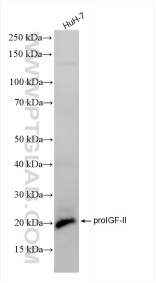
Insulin-like growth factor 2 (IGF2) is a crucial protein that plays a significant role in regulating growth, particularly during normal fetal development, and is also often dysregulated during tumorigenesis. IGF2 is one of the main ligands of the type 1 IGF receptor (IGF-1R), a tyrosine kinase receptor that transmits signals upon binding with IGF-II. IGF2 is predominantly secreted via the placenta during pregnancy and, after birth, primarily by hepatocytes, with its secretion being independent of growth hormone (GH) secretion, unlike IGF-I.

Storage

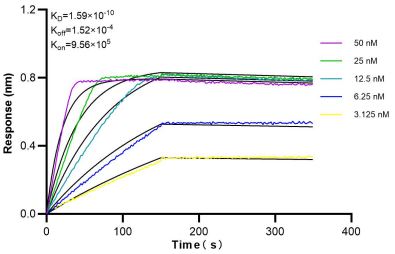
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

Selected Validation Data



HuH-7 cells were subjected to SDS PAGE followed by western blot with 84643-1-RR (IGF2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84643-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84643-1-RR against Human IGF2 were performed. The affinity constant is 0.159 nM.