For Research Use Only

beta IG-H3/TGFBI Recombinant antibody, PBS Only (Capture)

Catalog Number:80805-5-PBS

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Uni-rAb
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Basic Information

Catalog Number:
80805-5-PBS

Concentration:
1 mg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG1233

GenBank Accession Number:
NM_000358.3

GeneID (NCBI):
7045

ENSEMBL Gene ID:
ENSG00000120708

UNIPROT ID:
Q15582

Full Name:
transforming growth factor, beta-induced, 68kDa

Calculated MW:
75kDa

Purification Method:
Protein A purification

CloneNo.:
243108F11

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

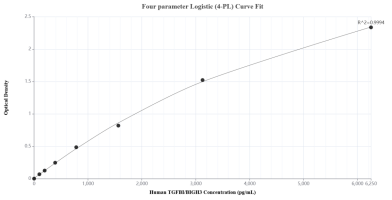
Background Information

Storage

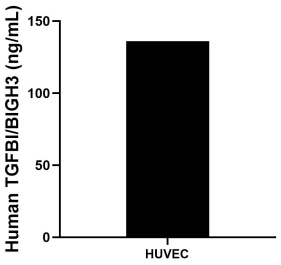
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

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

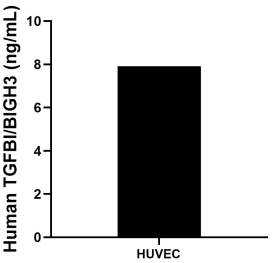
Selected Validation Data



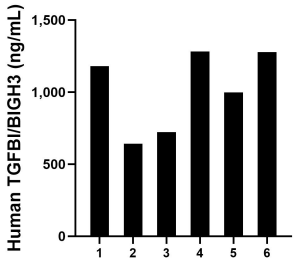
Sandwich ELISA standard curve of MP02279-2, Human TGFBI/BIGH3 Recombinant Matched Antibody Pair - PBS only. 80805-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1233. 80805-2-PBS was HRP conjugated as the detection antibody. Range: 97.7-6250 pg/mL.



The mean TGFBI/BIGH3 concentration was determined to be 136.1 ng/mL in HUVEC cell extract based on a 2.2 mg/mL extract load.



HUVEC cells were cultured in DMEM supplemented with 10% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 µg/mL streptomycin sulfate. An aliquot of the cell culture supernatant was removed, assayed for human TGFBI/BIGH3, and measured 7.9 ng/mL.



Plasma of six individual healthy human donors was measured. The TGFBI/BIGH3 concentration of detected samples was determined to be 1,016.5 ng/mL with a range of 640.9-1,282.5 ng/mL.