For Research Use Only

AFP Recombinant antibody, PBS Only (Capture)

Catalog Number:82982-3-PBS

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Antibodies | ELISA kits | Proteins
Uni-rAb
www.ptglab.com

Basic Information

Catalog Number:
82982-3-PBS

Size:
1mg/ml

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
BC027881

GeneID (NCBI):
174

UNIPROT ID:
P02771

Full Name:
alpha-fetoprotein

Calculated MW:
69 kDa

Purification Method:
Protein A purification

CloneNo.:
230435G1

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

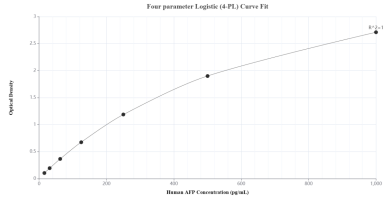
Background Information

Storage

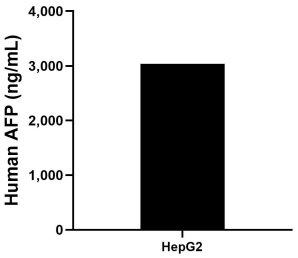
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
100% PBS pH 7.3

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

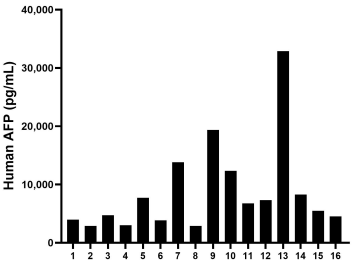
Selected Validation Data



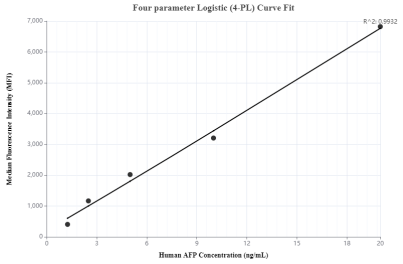
Sandwich ELISA standard curve of MP00001-4, AFP Recombinant Matched Antibody Pair - PBS only. 82982-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0539. 82982-4-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 pg/mL.



HepG2 (human hepatocellular carcinoma 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. The mean AFP concentration was determined to be 3,038.3 ng/mL in HepG2 supernatant.



Serum of sixteen individual healthy human donors was measured. The AFP concentration of detected samples was determined to be 8,740.7 pg/mL with a range of 2,872.1 - 32,900 pg/mL.



Cytometric bead array standard curve of MP00001-2, AFP Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82982-3-PBS. Detection antibody: 82982-2-PBS. Standard: Eg0539. Range: 1.25-20 ng/mL.