For Research Use Only

FTO Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number:81471-3-PBS

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
81471-3-PBS

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG26095

GenBank Accession Number:
NM_001080432

GeneID (NCBI):
79068

UNIPROT ID:
Q9C0B1

Full Name:
fat mass and obesity associated

Calculated MW:
58 kDa

Purification Method:
Protein A purification

CloneNo.:
261318F6

Applications

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

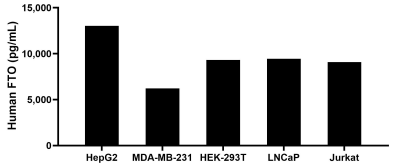
Species Specificity:
human

Background Information

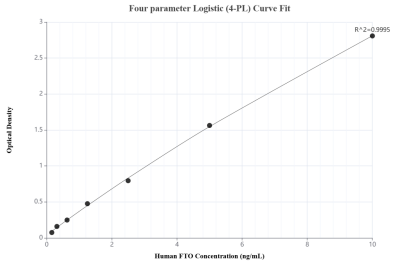
Storage

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

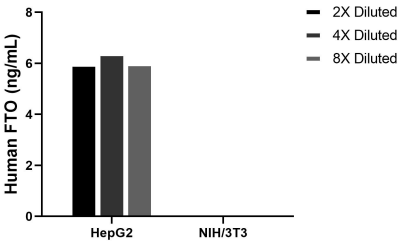
Selected Validation Data



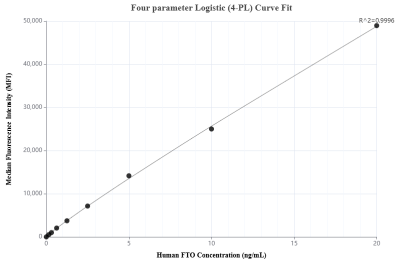
The mean FTO concentration was determined to be 13,033.49 pg/mL in HepG2 cell extract based on a 1.20 mg/mL extract load, 6,218.74 pg/mL in MDA-MB-231 cell extract based on a 1.20 mg/mL extract load, 9,314.64 pg/mL in HEK-293T cell extract based on a 1.20 mg/mL extract load, 9,433.33 pg/mL in LNCaP cell extract based on a 1.20 mg/mL extract load and 9,083.14 pg/mL in Jurkat cell extract based on a 1.20 mg/mL extract load.



Sandwich ELISA standard curve of MP03655-1, Human FTO Recombinant Matched Antibody Pair - PBS only. 81471-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag26095. 81471-4-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL.



The mean FTO concentration was determined to be 6.1 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load, NIH/3T3 cell extract were served as a negative control.



Cytometric bead array standard curve of MP03655-1, FTO Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 81471-3-PBS. Detection antibody: 81471-4-PBS. Standard: Ag26095. Range: 0.156-20 ng/mL.