

TFAM Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP03682-1

Capture Antibody Information

Catalog Number:
82745-8-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
260893A7
Reactivity:
human
GenBank:
BC126366
Immunogen Catalog Number:
Ag21196

Conjugate:
Unconjugated
Full name:
transcription factor A, mitochondrial
Gene ID:
7019

Detection Antibody Information

Catalog Number:
82745-7-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
260893G4
Reactivity:
human
GenBank:
BC126366
Immunogen Catalog Number:
Ag21196

Conjugate:
Unconjugated
Full name:
transcription factor A, mitochondrial
Gene ID:
7019

Applications

Tested Applications:
Sandwich ELISA

Range:
0.781-50 ng/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP03682-1 targets TFAM in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: TFAM Recombinant monoclonal antibody, PBS Only (Capture) 82745-8-PBS (260893A7). 100 µg. Concentration 1 mg/mL.

Detection antibody: TFAM Recombinant monoclonal antibody, PBS Only (Detector) 82745-7-PBS (260893G4). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

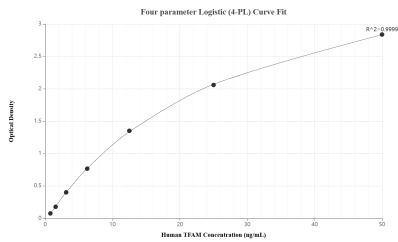
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

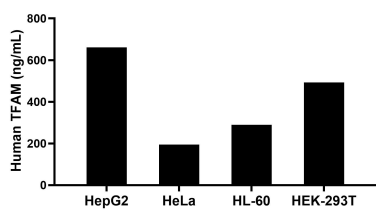
Storage

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

Selected Validation Data



Sandwich ELISA standard curve of MP03682-1, Human TFAM Recombinant Matched Antibody Pair - PBS only. 82745-8-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag21196. 82745-7-PBS was HRP conjugated as the detection antibody. Range: 0.781-50 ng/mL



The mean TFAM concentration was determined to be 661.22 ng/mL in HepG2 cell extract based on a 1.20 mg/mL extract load, 194.92 ng/mL in HeLa cell extract based on a 1.20 mg/mL extract load, 289.77 ng/mL in HL-60 cell extract based on a 1.20 mg/mL extract load and 492.80 ng/mL in HEK-293T cell extract based on a 1.20 mg/mL extract load.