

HSF1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP03452-2**

Capture Antibody Information

Catalog Number:
88318-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
260631C10
Reactivity:
human
GenBank:
BC014638
Immunogen Catalog Number:
Ag0739

Conjugate:
Unconjugated
Full name:
heat shock transcription factor 1
Gene ID:
3297

Detection Antibody Information

Catalog Number:
88318-4-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
260631D10
Reactivity:
human
GenBank:
BC014638
Immunogen Catalog Number:
Ag0739

Conjugate:
Unconjugated
Full name:
heat shock transcription factor 1
Gene ID:
3297

Applications

Tested Applications:
Sandwich ELISA

Range:
19.5-1250 pg/mL (Sandwich ELISA)

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

Product Information

MP03452-2 targets HSF1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: HSF1 Recombinant monoclonal antibody, PBS Only (Capture) 88318-3-PBS (260631C10). 100 µg. Concentration 1 mg/mL.

Detection antibody: HSF1 Recombinant monoclonal antibody, PBS Only (Detector) 88318-4-PBS (260631D10). 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.

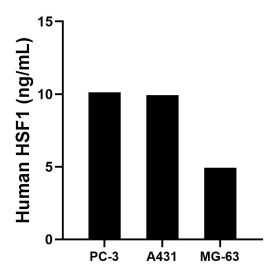
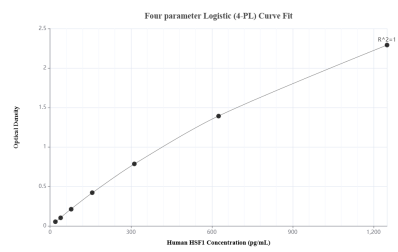
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

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 MP03452-2, Human HSF1 Recombinant Matched Antibody Pair - PBS only. 88318-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag0739. 88318-4-PBS was HRP conjugated as the detection antibody. Range: 19.5-1250 pg/mL

The mean HSF1 concentration was determined to be 10.13 ng/mL in PC-3 cell extract based on a 1.2 mg/mL extract load, 9.93 ng/mL in A431 cell extract based on a 1.5 mg/mL extract load and 4.92 ng/mL in MG-63 cell extract based on a 1.2 mg/mL extract load.