

Caspase 4 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP02885-1

Capture Antibody Information

Catalog Number:
85770-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
243150A6
Reactivity:
human
GenBank:
BC017839

Conjugate:
Unconjugated
Full name:
caspase 4, apoptosis-related cysteine peptidase
Gene ID:
837

Detection Antibody Information

Catalog Number:
85770-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
243150G8
Reactivity:
human
GenBank:
BC017839

Conjugate:
Unconjugated
Full name:
caspase 4, apoptosis-related cysteine peptidase
Gene ID:
837

Applications

Tested Applications:
Sandwich ELISA

Range:
0.195–12.5 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

MP02885-1 targets Caspase 4 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Caspase-4 subunit p20-2 Recombinant monoclonal antibody, PBS Only (Capture) 85770-3-PBS (243150A6). 100 µg. Concentration 1 mg/mL.

Detection antibody: Caspase-4 subunit p20-2 Recombinant monoclonal antibody, PBS Only (Detector) 85770-2-PBS (243150G8). 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.

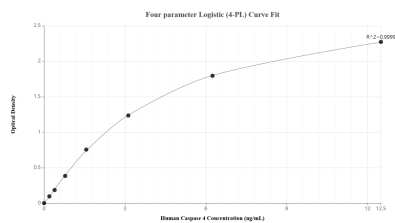
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

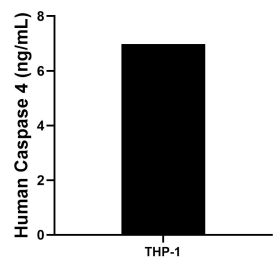
Storage

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 MP02885-1, Human Caspase 4 Recombinant Matched Antibody Pair - PBS only. 85770-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard SY02381. 85770-2-PBS was HRP conjugated as the detection antibody. Range: 0.195-12.5 ng/mL.



The mean Caspase 4 concentration was determined to be 6.98 ng/mL in THP-1 cell extract based on a 2.90 mg/mL extract load.