

SIRT2 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02109-1**

Capture Antibody Information

Catalog Number:
85744-3-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
243127A11

Reactivity:
human

GenBank:
BC003547

Immunogen Catalog Number:
Ag7556

Conjugate:
Unconjugated

Full name:
sirtuin (silent mating type information regulation 2 homolog) 2 (S. cerevisiae)

Gene ID:
22933

Detection Antibody Information

Catalog Number:
85744-1-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
243127C5

Reactivity:
human

GenBank:
BC003547

Immunogen Catalog Number:
Ag7556

Conjugate:
Unconjugated

Full name:
sirtuin (silent mating type information regulation 2 homolog) 2 (S. cerevisiae)

Gene ID:
22933

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
1.563-200 ng/mL (Cytometric Bead Array)
3.13-200 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

MP02109-1 targets SIRT2 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: SIRT2 Recombinant antibody, PBS Only (Capture) 85744-3-PBS (243127A11). 100 µg. Concentration 1 mg/mL.

Detection antibody: SIRT2 Recombinant antibody, PBS Only (Detector) 85744-1-PBS (243127C5). 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.

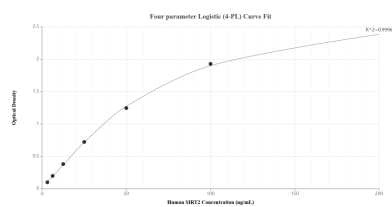
Storage

Storage:
Store at -80°C.

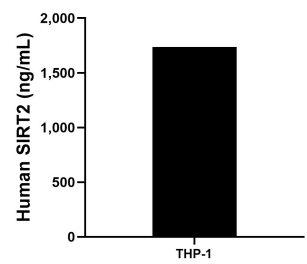
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage buffer:
PBS only

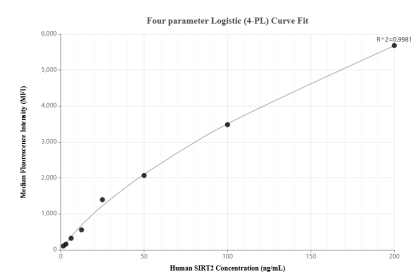
Selected Validation Data



Sandwich ELISA standard curve of MP02109-1, Human SIRT2 Recombinant Matched Antibody Pair - PBS only. 85744-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag7556. 85744-1-PBS was HRP conjugated as the detection antibody. Range: 3.13-200 ng/mL



The mean SIRT2 concentration was determined to be 1,737.19 ng/mL in THP-1 cell extract based on a 3.40 mg/mL extract load.



Cytometric bead array standard curve of MP02109-1, SIRT2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85744-3-PBS. Detection antibody: 85744-1-PBS. Standard: Ag7556. Range: 1.563-200 ng/mL