

ABCA1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01937-2**

Capture Antibody Information

Catalog Number:
85434-4-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
261086A9
Reactivity:
human
GenBank:
BC146856
Immunogen Catalog Number:
Ag37398

Conjugate:
Unconjugated
Full name:
ATP-binding cassette, sub-family A (ABC1), member 1
Gene ID:
19

Detection Antibody Information

Catalog Number:
85434-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
261086C3
Reactivity:
human, mouse, rat
GenBank:
BC146856
Immunogen Catalog Number:
Ag37398

Conjugate:
Unconjugated
Full name:
ATP-binding cassette, sub-family A (ABC1), member 1
Gene ID:
19

Applications

Tested Applications:
Sandwich ELISA

Range:
0.625-40 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

MP01937-2 targets ABCA1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: ABCA1 Recombinant monoclonal antibody, PBS Only (Capture) 85434-4-PBS (261086A9). 100 µg. Concentration 1 mg/mL.

Detection antibody: ABCA1 Recombinant monoclonal antibody, PBS Only (Detector) 85434-3-PBS (261086C3). 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.

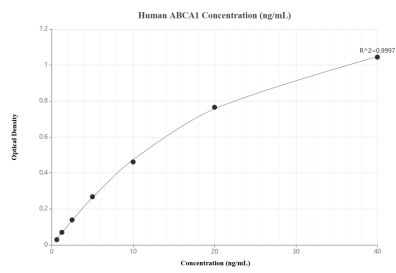
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

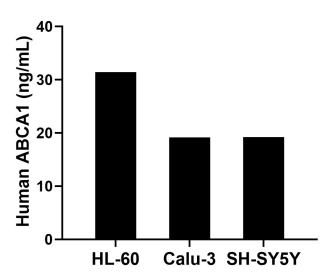
Storage

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

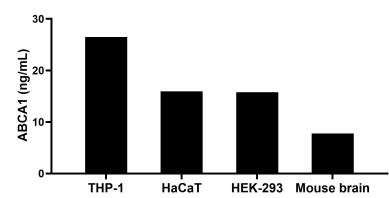
Selected Validation Data



Sandwich ELISA standard curve of MP01937-2, Human ABCA1 Recombinant Matched Antibody Pair - PBS only. 85434-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag37398. 85434-3-PBS was HRP conjugated as the detection antibody. Range: 0.625-40 ng/mL



The mean ABCA1 concentration was determined to be 31.41 ng/mL in HL-60 cell extract based on a 1.20 mg/mL extract load, 19.14 ng/mL in Calu-3 cell extract based on a 1.20 mg/mL extract load and 19.22 ng/mL in SH-SY5Y cell extract based on a 1.20 mg/mL extract load.



The mean ABCA1 concentration was determined to be 26.47 ng/mL in THP-1 cell extract based on a 1.20 mg/mL extract load, 15.96 ng/mL in HaCaT cell extract based on a 1.20 mg/mL extract load, 15.79 ng/mL in HEK-293 cell extract based on a 1.20 mg/mL extract load and 7.79 ng/mL in mouse brain extract based on a 1.20 mg/mL extract load.