

CD44 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00033-3**

Capture Antibody Information

Catalog Number:
84854-4-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
242345G9
Reactivity:
human
GenBank:
NM_000610.3

Conjugate:
Unconjugated
Full name:
CD44 molecule (Indian blood group)
Gene ID:
960

Detection Antibody Information

Catalog Number:
84854-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
242345D4
Reactivity:
human
GenBank:
NM_000610.3

Conjugate:
Unconjugated
Full name:
CD44 molecule (Indian blood group)
Gene ID:
960

Applications

Tested Applications:
Sandwich ELISA

Range:
39.1-2500 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

MP00033-3 targets CD44 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: CD44 Recombinant antibody, PBS Only (Capture) 84854-4-PBS (242345G9). 100 µg. Concentration 1 mg/mL.

Detection antibody: CD44 Recombinant antibody, PBS Only (Detector) 84854-3-PBS (242345D4). 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.

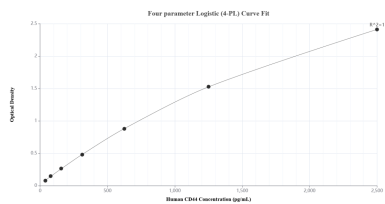
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

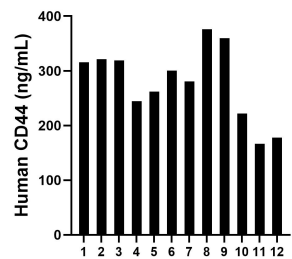
Storage

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 MP00033-3, Human CD44 Recombinant Matched Antibody Pair - PBS only. 84854-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1057. 84854-3-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL.



Serum of twelve individual healthy human donors was measured. The CD44 concentration of detected samples was determined to be 278.8 ng/mL with a range of 166.6-376.0 ng/mL.