

Mouse TNFRSF9/CD137

Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01216-1**

Capture Antibody Information

Catalog Number:
84315-2-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
241647E11

Reactivity:
mouse

GenBank:
NM_001077509.1

Conjugate:
Unconjugated

Full name:
tumor necrosis factor receptor superfamily, member 9

Gene ID:
21942

Detection Antibody Information

Catalog Number:
84315-3-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
241647G11

Reactivity:
mouse

GenBank:
NM_001077509.1

Conjugate:
Unconjugated

Full name:
tumor necrosis factor receptor superfamily, member 9

Gene ID:
21942

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.078-10 ng/mL (Cytometric Bead Array)
9.77-625 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

MP01216-1 targets TNFRSF9/CD137 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: Mouse 4-1BB/TNFRSF9 Recombinant antibody, PBS Only (Capture) 84315-2-PBS (241647E11). 100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse 4-1BB/TNFRSF9 Recombinant antibody, PBS Only (Detector) 84315-3-PBS (241647G11). 100 µg. Concentration 1 mg/mL.

Alternative TNFRSF9/CD137 matched antibody pairs: MP00870-1, MP00870-2, MP01216-2, MP50110-1

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.

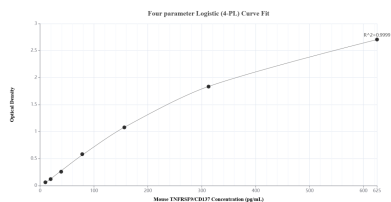
Antibody use should be optimized for each application and assay.

Storage

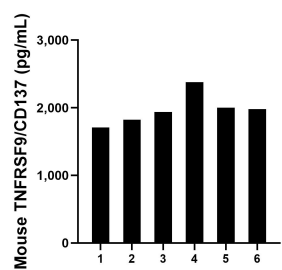
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage buffer:
PBS only

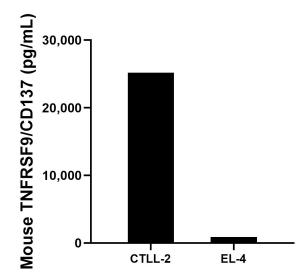
Selected Validation Data



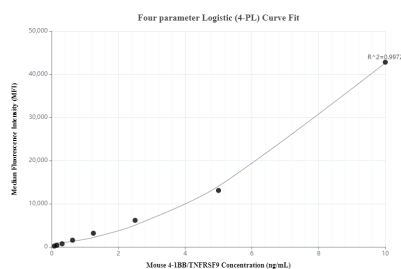
Sandwich ELISA standard curve of MP01216-1, Mouse TNFRSF9/CD137 Recombinant Matched Antibody Pair - PBS only. 84315-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1627. 84315-3-PBS was HRP conjugated as the detection antibody. Range: 9.77-625 pg/mL



Serum of six mouse was measured. The TNFRSF9/CD137 concentration of detected samples was determined to be 1971.4 pg/mL with a range of 1707.2 - 2381.3 pg/mL



The mean TNFRSF9/CD137 concentration was determined to be 25182.7 pg/mL in CTL-2 cell extract based on a 0.9 mg/mL extract load and 904.3 ng/mL in EL-4 cell extract based on a 5.2 mg/mL extract load.



Cytometric bead array standard curve of MP01216-1, MOUSE 4-1BB/TNFRSF9 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84315-2-PBS. Detection antibody: 84315-3-PBS. Standard: Eg1627. Range: 0.078-10 ng/mL