

ICAM-1/CD54 Monoclonal Matched Antibody Pair, PBS Only

Catalog Number: **MP50085-1**

Capture Antibody Information

Catalog Number:
65075-1-PBS
Host:
Mouse
Isotype:
IgG1, kappa
Purification Method:
Affinity purification

Clone ID:
15.2
Reactivity:
human

Conjugate:
Unconjugated
Full name:
intercellular adhesion molecule 1
Gene ID:
3383

Detection Antibody Information

Catalog Number:
68693-1-PBS
Host:
Mouse
Isotype:
IgG1
Purification Method:
Protein G purification

Clone ID:
2C9G8
Reactivity:
human
GenBank:
BC015969
Immunogen Catalog Number:
Eg0570

Conjugate:
Unconjugated
Full name:
intercellular adhesion molecule 1
Gene ID:
3383

Applications

Tested Applications:
Sandwich ELISA

Range:
62.5-4000 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

MP50085-1 targets ICAM-1/CD54 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Anti-Human ICAM-1/CD54 (15.2), PBS Only (Capture) 65075-1-PBS (15.2). 100 µg. Concentration 1 mg/mL.

Detection antibody: ICAM-1/CD54 Monoclonal antibody, PBS Only (Detector) 68693-1-PBS (2C9G8). 100 µg. Concentration 1 mg/mL.

Unconjugated mouse monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation.

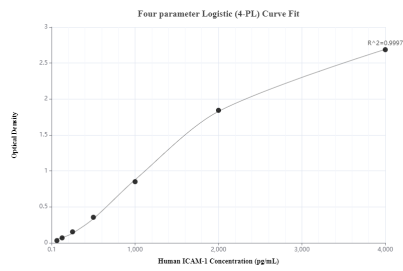
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

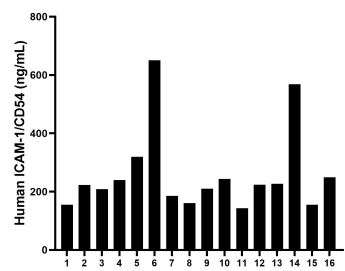
Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

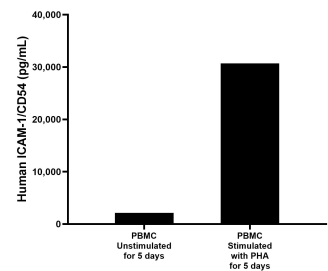
Selected Validation Data



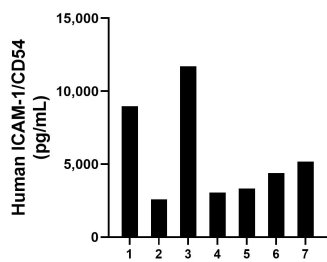
Sandwich ELISA standard curve of MP50085-1, ICAM-1 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 65075-1-PBS. Detection antibody: 68693-1-PBS. Standard: Eg0570. Range: 62.5-4000 pg/mL



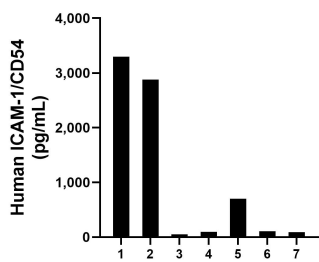
Serum of sixteen individual healthy human donors was measured. The human ICAM-1/CD54 concentration of detected samples was determined to be 260.08 ng/mL with a range of 142.73 - 650.42 ng/mL



Human peripheral blood mononuclear cells (PBMC) were cultured unstimulated or stimulated with 10 µg/mL PHA for 5 days. The mean ICAM-1/CD54 concentration was determined to be 2,139.3 pg/mL in unstimulated PBMC supernatant, 30,678.8 pg/mL in PHA stimulated PBMC supernatant.



Saliva of seven individual healthy human donors was measured. The human ICAM-1/CD54 concentration of detected samples was determined to be 5,597.4 pg/mL with a range of 2,577.6 - 11,698.1 pg/mL



Urine of seven individual healthy human donors was measured. The human ICAM-1/CD54 concentration of detected samples was determined to be 1,031.9 pg/mL with a range of 49.7 - 3,299.7 pg/mL