

ALCAM Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02780-1**

Capture Antibody Information

Catalog Number:
86811-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
251789E9
Reactivity:
human
GenBank:
BC137097
Immunogen Catalog Number:
Eg5038

Conjugate:
Unconjugated
Full name:
activated leukocyte cell adhesion molecule
Gene ID:
214

Detection Antibody Information

Catalog Number:
86811-1-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
251789C7
Reactivity:
human
GenBank:
BC137097
Immunogen Catalog Number:
Eg5038

Conjugate:
Unconjugated
Full name:
activated leukocyte cell adhesion molecule
Gene ID:
214

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

MP02780-1 targets ALCAM in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: ALCAM Recombinant monoclonal antibody, PBS Only (Capture) 86811-3-PBS (251789E9). 100 µg. Concentration 1 mg/mL.

Detection antibody: ALCAM Recombinant monoclonal antibody, PBS Only (Detector) 86811-1-PBS (251789C7). 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.

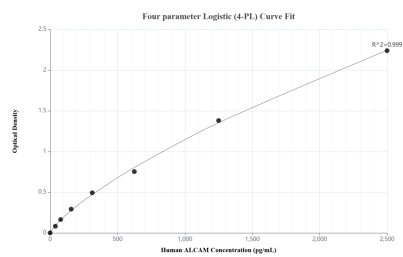
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

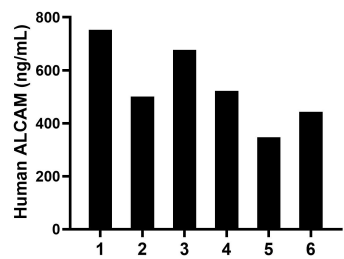
Storage

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

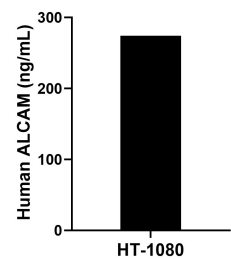
Selected Validation Data



Sandwich ELISA standard curve of MP02780-1, Human ALCAM Recombinant Matched Antibody Pair - PBS only. 86811-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg5038. 86811-1-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL



Plasma of six individual healthy human donors was measured. The ALCAM concentration of detected samples was determined to be 540.4 ng/mL with a range of 347.0-752.3 ng/mL



The mean ALCAM concentration was determined to be 274.2 ng/mL in HT-1080 cell extract based on a 1.2 mg/mL extract load.