

Integrin Alpha V Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01650-4**

Capture Antibody Information

Catalog Number:
84883-9-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
253588H1
Reactivity:
human
GenBank:
NM_002210.5
Immunogen Catalog Number:
Eg6181

Conjugate:
Unconjugated
Full name:
integrin, alpha V (vitronectin receptor,
alpha polypeptide, antigen CD51)
Gene ID:
3685

Detection Antibody Information

Catalog Number:
84883-8-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
253588G9
Reactivity:
human
GenBank:
NM_002210.5
Immunogen Catalog Number:
Eg6181

Conjugate:
Unconjugated
Full name:
integrin, alpha V (vitronectin receptor,
alpha polypeptide, antigen CD51)
Gene ID:
3685

Applications

Tested Applications:
Sandwich ELISA

Range:
0.156-10 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

MP01650-4 targets Integrin Alpha V in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Integrin alpha-V Recombinant monoclonal antibody, PBS Only (Capture) 84883-9-PBS (253588H1). 100 µg. Concentration 1 mg/mL.

Detection antibody: Integrin alpha-V Recombinant monoclonal antibody, PBS Only (Detector) 84883-8-PBS (253588G9). 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.

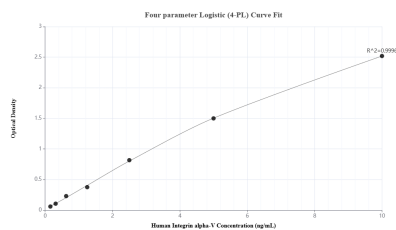
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

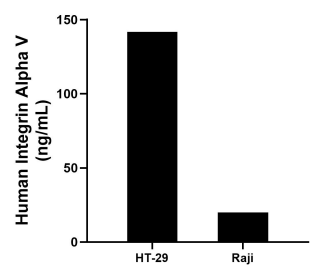
Storage

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 MP01650-4, Human Integrin Alpha V Recombinant Matched Antibody Pair - PBS only. 84883-9-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg6181. 84883-8-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



The mean Integrin Alpha V concentration was determined to be 141.61 ng/mL in HT-29 cell extract based on a 1.1 mg/mL extract load and 19.96 ng/mL in Raji cell extract based on a 1.2 mg/mL extract load.