

LAMA3 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP00186-2

Capture Antibody Information

Catalog Number:
83210-1-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
230443B5

Reactivity:
human

GenBank:
NM_000227

Conjugate:
Unconjugated

Full name:
laminin, alpha 3

Gene ID:
3909

Detection Antibody Information

Catalog Number:
83210-2-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
230443C1

Reactivity:
human

GenBank:
NM_000227

Conjugate:
Unconjugated

Full name:
laminin, alpha 3

Gene ID:
3909

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.156-10 ng/mL (Cytometric Bead Array)
0.131-20 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

MP00186-2 targets LAMA3 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: LAMA3 Recombinant antibody, PBS Only (Capture/Detector) 83210-1-PBS (230443B5). 100 µg. Concentration 1 mg/ml.

Detection antibody: LAMA3 Recombinant antibody, PBS Only (Detector) 83210-2-PBS (230443C1). 100 µg. Concentration 1 mg/ml.

Alternative LAMA3 matched antibody pairs: MP00186-1, MP00186-3

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.

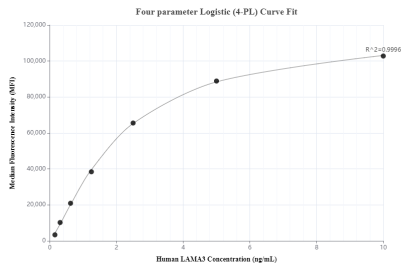
Storage

Storage:
Store at -80°C.

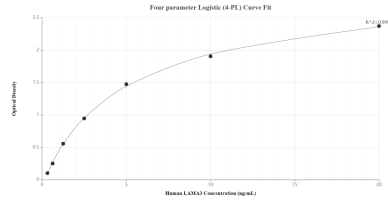
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage buffer:
PBS only

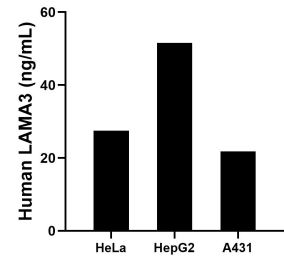
Selected Validation Data



Cytometric bead array standard curve of MP00186-2, LAMA3 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83210-1-PBS. Detection antibody: 83210-2-PBS. Standard: SY01122. Range: 0.156-10 ng/mL



Sandwich ELISA standard curve of MP00186-2, Human LAMA3 Recombinant Matched Antibody Pair - PBS only. 83210-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard SY01122. 83210-2-PBS was HRP conjugated as the detection antibody. Range: 0.131-20 ng/mL



The mean LAMA3 concentration was determined to be 27.50 ng/mL in HeLa cell extract based on a 3.60 mg/mL extract load, 51.60 ng/mL in HepG2 cell extract based on a 5.00 mg/mL extract load and 21.80 ng/mL in A431 cell extract based on a 2.60 mg/mL extract load.