

For Research Use Only

MICA Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00686-1

Capture Antibody Information

Catalog Number:
83725-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
240735D8
Reactivity:
human

Conjugate:
Unconjugated
Full name:
MHC class I polypeptide-related sequence A
Gene ID:
100507436

Detection Antibody Information

Catalog Number:
83725-1-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
240735D5
Reactivity:
human
GenBank:
AAH16929.1

Conjugate:
Unconjugated
Full name:
MHC class I polypeptide-related sequence A
Gene ID:
100507436

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.625-80 ng/mL (Cytometric Bead Array)
12.5-800 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

MP00686-1 targets MICA in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: MICA Recombinant antibody, PBS Only (Capture) 83725-3-PBS (240735D8). 100 µg. Concentration 1 mg/mL.

Detection antibody: MICA Recombinant antibody, PBS Only (Capture/Detector) 83725-1-PBS (240735D5). 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.
Storage buffer:
PBS only

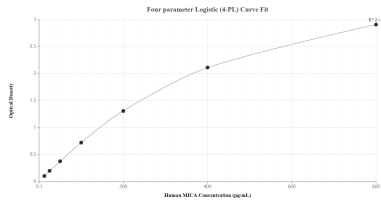
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

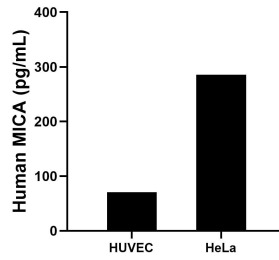
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

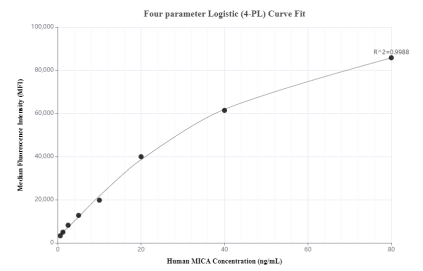
Selected Validation Data



Sandwich ELISA standard curve of MP00686-1, Human MICA Recombinant Matched Antibody Pair - PBS only. 83725-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1176. 83725-1-PBS was HRP conjugated as the detection antibody. Range: 12.5-800 pg/mL.



HUVEC cells were cultured in DMEM supplemented with 10% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 µg/mL streptomycin sulfate. An aliquot of the cell culture supernate was removed, assayed for human MICA, and measured 70.4 pg/mL.
HeLa cells were cultured in DMEM supplemented with 10% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 µg/mL streptomycin sulfate. An



Cytometric bead array standard curve of MP00686-1, MICA Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83725-3-PBS. Detection antibody: 83725-1-PBS. Standard: Eg1176. Range: 0.625-80 ng/mL.

