

IFITM2 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP00456-1

Capture Antibody Information

Catalog Number:
83455-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
240318F3
Reactivity:
human
GenBank:
BC009696
Immunogen Catalog Number:
Ag3451

Conjugate:
Unconjugated
Full name:
interferon induced transmembrane protein 2 (1-8D)
Gene ID:
10581

Detection Antibody Information

Catalog Number:
83455-4-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
240318F6
Reactivity:
human
GenBank:
BC009696
Immunogen Catalog Number:
Ag3451

Conjugate:
Unconjugated
Full name:
interferon induced transmembrane protein 2 (1-8D)
Gene ID:
10581

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.78-100 ng/mL (Cytometric Bead Array)
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

MP00456-1 targets IFITM2 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: IFITM2 Recombinant antibody, PBS Only (Capture) 83455-2-PBS (240318F3). 100 µg. Concentration 1 mg/mL.

Detection antibody: IFITM2 Recombinant antibody, PBS Only (Capture/Detector) 83455-4-PBS (240318F6). 100 µg. Concentration 1 mg/mL.

Alternative IFITM2 matched antibody pairs: MP00456-2, MP00456-3

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.

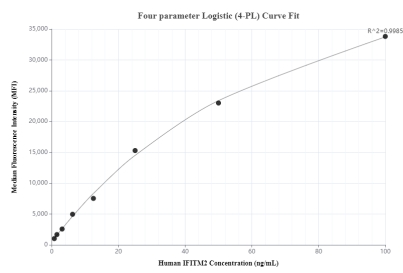
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

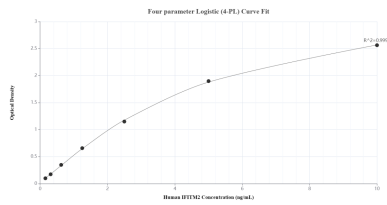
Storage

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

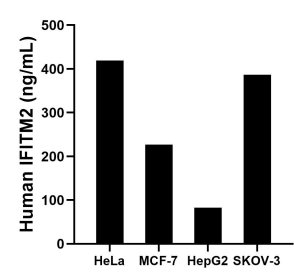
Selected Validation Data



Cytometric bead array standard curve of MP00456-1, IFITM2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83455-2-PBS. Detection antibody: 83455-4-PBS. Standard: Ag3451. Range: 0.78-100 ng/mL



Sandwich ELISA standard curve of MP00456-1, Human IFITM2 Recombinant Matched Antibody Pair - PBS only. 83455-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag3451. 83455-4-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



The mean IFITM2 concentration was determined to be 418.98 ng/mL in HeLa cell extract based on a 3.20 mg/mL extract load, 227.15 ng/mL in MCF-7 cell extract based on a 1.20 mg/mL extract load, 82.55 ng/mL in HepG2 cell extract based on a 1.20 mg/mL extract load and 386.42 ng/mL in SKOV-3 cell extract based on a 2.30 mg/mL extract load.