

KDM3A, JMJD1A Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00565-3**

Capture Antibody Information

Catalog Number:
83571-1-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240532C10

Reactivity:
human

GenBank:
BC038297

Immunogen Catalog Number:
Ag28687

Conjugate:
Unconjugated

Full name:
lysine (K)-specific demethylase 3A

Gene ID:
55818

Detection Antibody Information

Catalog Number:
83571-3-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240532D9

Reactivity:
human

GenBank:
BC038297

Immunogen Catalog Number:
Ag28687

Conjugate:
Unconjugated

Full name:
lysine (K)-specific demethylase 3A

Gene ID:
55818

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.781-100 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

MP00565-3 targets KDM3A, JMJD1A in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: KDM3A, JMJD1A Recombinant antibody, PBS Only (Capture) 83571-1-PBS (240532C10). 100 µg. Concentration 1 mg/mL.

Detection antibody: KDM3A, JMJD1A Recombinant antibody, PBS Only (Detector) 83571-3-PBS (240532D9). 100 µg. Concentration 1 mg/mL.

Alternative KDM3A, JMJD1A matched antibody pairs: MP00565-1, MP00565-2

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.

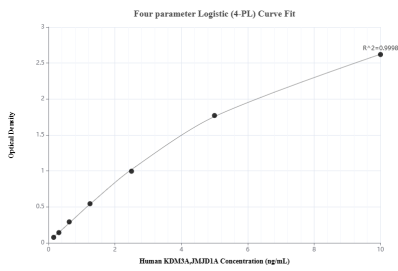
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

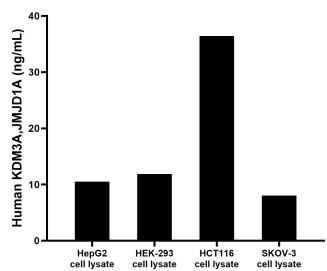
Storage

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

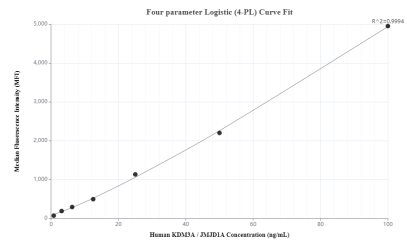
Selected Validation Data



Sandwich ELISA standard curve of MP00565-3, Human KDM3A, JMJD1A Recombinant Matched Antibody Pair - PBS only. 83571-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag28687. 83571-3-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



HepG2, HEK-293, HCT116 and SKOV-3 cell lysates were measured. The human KDM3A, JMJD1A concentration of detected samples was determined to be 10.52 ng/mL (based on a 1.0 mg/mL extract load) in HepG2 cell lysate, 11.86 ng/mL (based on a 1.2 mg/mL extract load) in HEK-293 cell lysate, 36.44 ng/mL (based on a 4.8 mg/mL extract load) in HCT116 cell lysate and 8.02 ng/mL (based on a 1.2 mg/mL extract load) in SKOV-3 cell lysate.



Cytometric bead array standard curve of MP00565-3, KDM3A, JMJD1A Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83571-1-PBS. Detection antibody: 83571-3-PBS. Standard: Ag28687. Range: 0.781-100 ng/mL