

For Research Use Only

Rat KIM-1/HAVCR1 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00213-3

Capture Antibody Information

Catalog Number:
83221-1-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
230528B9

Reactivity:
rat

Conjugate:
Unconjugated

Full name:
hepatitis A virus cellular receptor 1

Gene ID:
286934

Detection Antibody Information

Catalog Number:
83169-2-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
240026D10

Reactivity:
human

GenBank:
BC002379

Immunogen Catalog Number:
Ag0299

Conjugate:
Unconjugated

Full name:
SMAD family member 4

Gene ID:
4089

Applications

Tested Applications:
Sandwich ELISA

Range:
15.6-1000 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

MP00213-3 targets KIM-1/HAVCR1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Rat KIM-1/HAVCR1 Recombinant antibody, PBS Only (Capture) 83221-1-PBS (230528B9). 100 µg. Concentration 1 mg/ml.

Detection antibody: SMAD4 Recombinant antibody, PBS Only (Detector) 83169-2-PBS (240026D10). 100 µg. Concentration 1 mg/ml.

Alternative KIM-1/HAVCR1 matched antibody pairs: MP00116-1, MP00116-2, MP00116-3, MP00213-1, MP00213-2

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.
Storage buffer:
PBS only

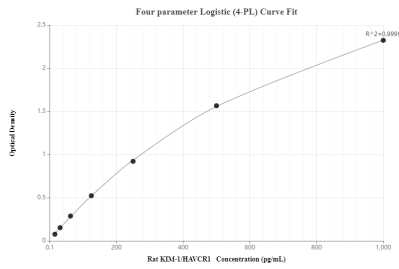
For technical support and original validation data for this product please contact:

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

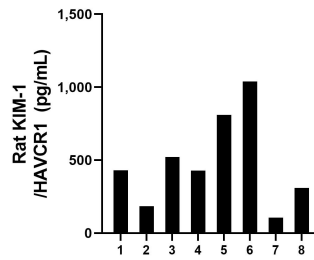
E: proteintech@ptglab.com
W: ptglab.com

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

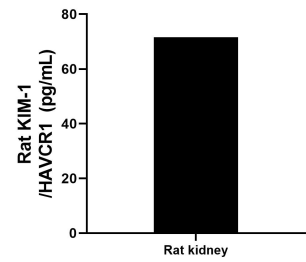
Selected Validation Data



Sandwich ELISA standard curve of MP00213-3, Rat KIM-1/HAVCR1 Monoclonal Matched Antibody Pair - PBS only. 83221-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0597. 83169-2-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 pg/mL



Serum of eight individual healthy rats were measured. The rat KIM-1/HAVCR1 concentration of detected samples was determined to be 478.5 pg/mL with a range of 105.6-1,038.5 pg/mL



Organs from 2 rats were rinsed with PBS to remove excess blood, chopped into 1-2 mm pieces, homogenized in 5-10 mL of PBS in a tissue homogenizer, and stored at $\leq -80^{\circ}\text{C}$ 5 min. After two freeze-thaw cycles were performed to break the cell membranes, the homogenates were centrifuged for 5 minutes at 5000 x g to remove particulate. Homogenates from rat kidney tissue were assayed for rat KIM-1/HAVCR1 and measured 71.6 pg/mL