

For Research Use Only

Rat Havcr1 Recombinant antibody, PBS Only (Detector)

Catalog Number: 83221-5-PBS



Basic Information

Catalog Number:

83221-5-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG0597

GenBank Accession Number:

NM_173149.2

GeneID (NCBI):

286934

UNIPROT ID:

O54947

Full Name:

hepatitis A virus cellular receptor 1

Calculated MW:

34 kDa

Purification Method:

Protein A purification

CloneNo.:

230528B3

Applications

Tested Applications:

Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:

rat

Background Information

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, pH7.3

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

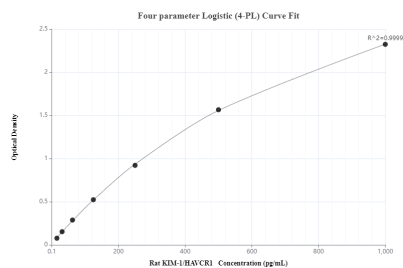
T: 4006900926

E: Proteintech-CN@ptglab.com

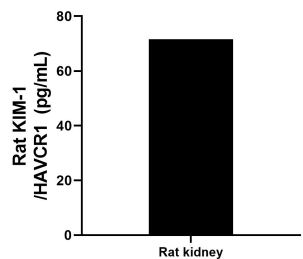
W: ptgcn.com

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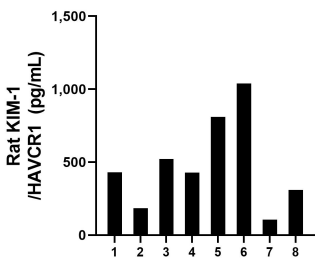
Selected Validation Data



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. 83221-5-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 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



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