

For Research Use Only

Rat KIM-1/HAVCR1 Recombinant antibody, PBS Only (Capture)

Catalog Number:83221-1-PBS



Basic Information

Catalog Number: 83221-1-PBS	GenBank Accession Number: NM_173149.2	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 286934	CloneNo.: 230528B9
Source: Rabbit	UNIPROT ID: O54947	
Isotype: IgG	Full Name: hepatitis A virus cellular receptor 1	
	Calculated MW: 34 kDa	

Applications

Tested Applications:
Cytometric bead array, 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

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

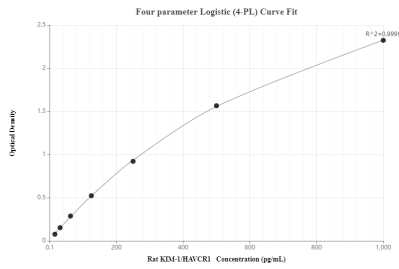
T: 4006900926

E: Proteintech-CN@ptglab.com

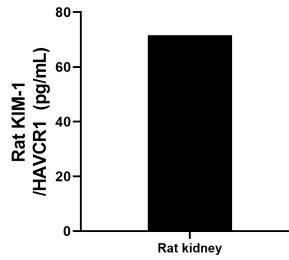
W: ptgcn.com

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

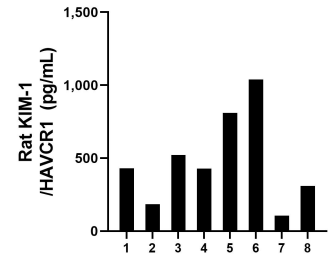
Selected Validation Data



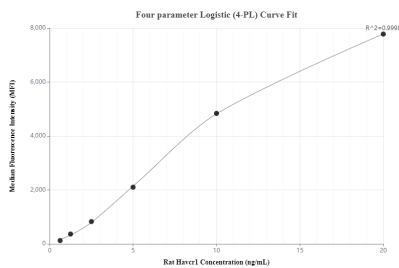
Sandwich ELISA standard curve of MP00213-3, Rat KIM-1/HAVCR1 Monoclonal Matched Antibody Pair - PBS only. 83221-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0597. 83169-2-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 pg/mL



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



Cytometric bead array standard curve of MP00213-1, Rat KIM-1/HAVCR1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83221-1-PBS. Detection antibody: 83221-3-PBS. Standard: Eg0597. Range: 0.625-20 ng/mL