

For Research Use Only

# Mouse Interferon alpha/beta receptor 2 Recombinant monoclonal antibody, PBS Only (Detector)



Catalog Number: 87764-1-PBS

## Basic Information

<b>Catalog Number:</b> 87764-1-PBS	<b>GenBank Accession Number:</b> NM_010509	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 15976	<b>CloneNo.:</b> 252155E7
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O35664-1	
<b>Isotype:</b> IgG	<b>Full Name:</b> interferon (alpha and beta) receptor 2	
<b>Immunogen Catalog Number:</b> EG6269	<b>Calculated MW:</b> 57 kDa	

## Applications

**Tested Applications:**  
Cytometric bead array, Sandwich ELISA, Indirect ELISA

**Species Specificity:**  
mouse

## Product Information

87764-1-PBS targets Interferon alpha/beta receptor 2 as part of a matched antibody pair.

MP03193-1: 87764-2-PBS capture and 87764-1-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) 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.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

## Storage

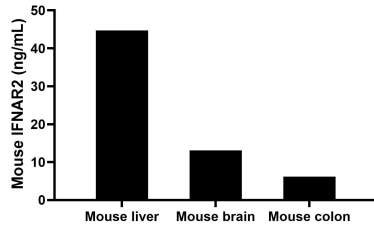
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS only, pH7.3

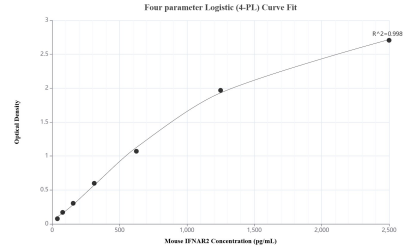
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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

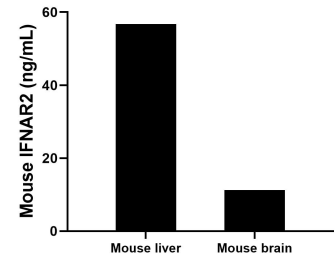
## Selected Validation Data



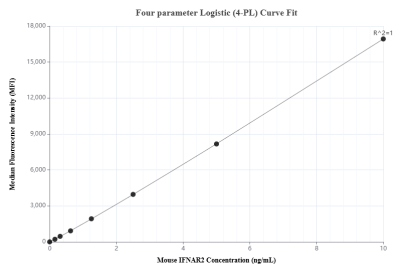
The mean IFNAR2 concentration was determined to be 44.7 ng/mL in mouse liver extract based on a 8.4 mg/mL extract load, 13.1 ng/mL in mouse brain extract based on a 6.3 mg/mL extract load and 6.2 ng/mL in mouse colon extract based on a 4.9 mg/mL extract load.



Sandwich ELISA standard curve of MP03193-1, Mouse IFNAR2 Recombinant Matched Antibody Pair - PBS only. 87764-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg6269. 87764-1-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL.



The mean IFNAR2 concentration was determined to be 56.7 ng/mL in mouse liver tissue extract based on a 8.4 mg/mL extract load, 11.3 ng/mL in mouse brain tissue extract based on a 6.3 mg/mL extract load.



Cytometric bead array standard curve of MP03193-1, MOUSE IFNAR2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87764-2-PBS. Detection antibody: 87764-1-PBS. Standard: Eg6269. Range: 0.156-10 ng/mL.