

For Research Use Only

# Mouse RAGE Recombinant antibody, PBS Only (Detector)

Catalog Number: 83742-1-PBS



## Basic Information

**Catalog Number:**

83742-1-PBS

**Size:**

100ug, Concentration: 1 mg/ml by  
Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

NM\_007425.3

**GeneID (NCBI):**

11596

**UNIPROT ID:**

Q62151-1

**Full Name:**

advanced glycosylation end product-  
specific receptor

**Calculated MW:**

43 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

240774A12

## Applications

**Tested Applications:**

Cytometric bead array, Indirect ELISA

**Species Specificity:**

mouse

## Product Information

83742-1-PBS targets RAGE as part of a matched antibody pair:

MP00693-1: 83742-2-PBS capture and 83742-1-PBS detection (validated in Cytometric bead array)

MP00693-2: 83742-4-PBS capture and 83742-1-PBS detection (validated in Cytometric bead array)

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

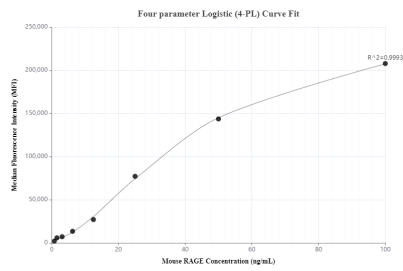
For technical support and original validation data for this product please contact:

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

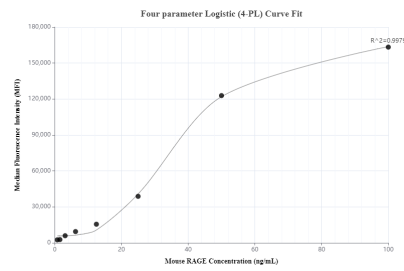
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

# Selected Validation Data



Cytometric bead array standard curve of MP00693-1, Mouse RAGE Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83742-2-PBS. Detection antibody: 83742-1-PBS. Standard: Eg0873. Range: 0.78-100 ng/mL



Cytometric bead array standard curve of MP00693-2, Mouse RAGE Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83742-4-PBS. Detection antibody: 83742-1-PBS. Standard: Eg0873. Range: 0.78-100 ng/mL