

For Research Use Only

Rat AGER/RAGE Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 83759-2-PBS



Basic Information

Catalog Number:

83759-2-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

GeneID (NCBI):

81722

UNIPROT ID:

Q63495

Full Name:

advanced glycosylation end product-
specific receptor

Calculated MW:

43 kDa

Purification Method:

Protein A purification

CloneNo.:

240706D12

Applications

Tested Applications:

Cytometric bead array, Sandwich ELISA, Indirect ELISA,
Sample test

Species Specificity:

rat

Product Information

83759-2-PBS targets AGER/RAGE as part of a matched antibody pair:

MP00734-1: 83759-2-PBS capture and 83759-1-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

MP00734-3: 83759-3-PBS capture and 83759-2-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

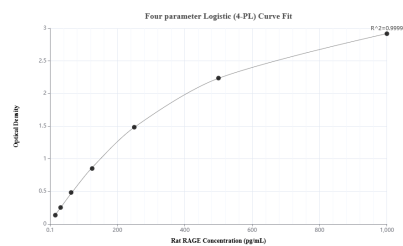
For technical support and original validation data for this product please contact:

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

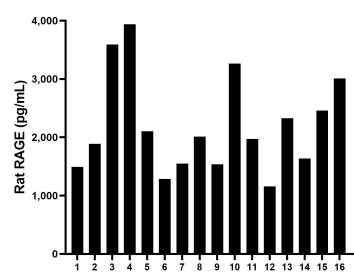
E: proteintech@ptglab.com
W: ptglab.com

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

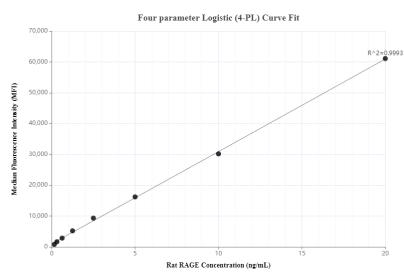
Selected Validation Data



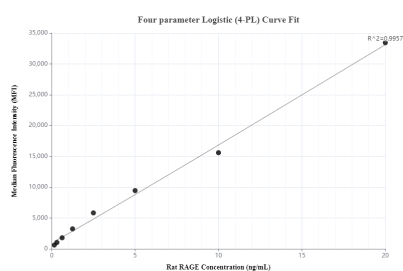
Sandwich ELISA standard curve of MP00734-1, Rat RAGE Recombinant Matched Antibody Pair - PBS only. 83759-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1135. 83759-1-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 pg/mL



Serum of sixteen rats was measured. The rat RAGE concentration of detected samples was determined to be 2,201.2 pg/mL with a range of 1,157.8 - 3,936.9 pg/mL



Cytometric bead array standard curve of MP00734-1, RAT RAGE Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83759-2-PBS. Detection antibody: 83759-1-PBS. Standard: Eg1135. Range: 0.156-20 ng/mL



Cytometric bead array standard curve of MP00734-3, Rat AGER/RAGE Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83759-3-PBS. Detection antibody: 83759-2-PBS. Standard: Eg1135. Range: 0.156-20 ng/mL