

For Research Use Only

Rat AGER/RAGE Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00734-1**

Capture Antibody Information

Catalog Number:
83759-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
240706D12
Reactivity:
rat

Conjugate:
Unconjugated
Full name:
advanced glycosylation end product-specific receptor
Gene ID:
81722

Detection Antibody Information

Catalog Number:
83759-1-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
240706C1
Reactivity:
rat
GenBank:

Conjugate:
Unconjugated
Full name:
advanced glycosylation end product-specific receptor
Gene ID:
81722

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.156-20 ng/mL (Cytometric Bead Array)
15.6-1000 pg/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP00734-1 targets AGER/RAGE in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: Rat AGER/RAGE Recombinant antibody, PBS Only (Capture/Detector) 83759-2-PBS (240706D12). 100 µg. Concentration 1 mg/mL.

Detection antibody: Rat AGER/RAGE Recombinant antibody, PBS Only (Capture/Detector) 83759-1-PBS (240706C1). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

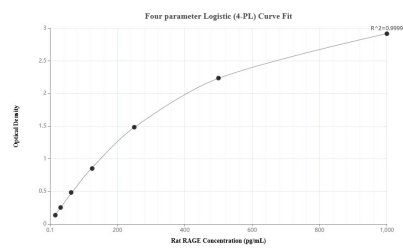
For technical support and original validation data for this product please contact:

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

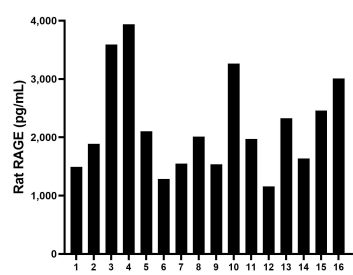
E: proteintech@ptglab.com
W: ptglab.com

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

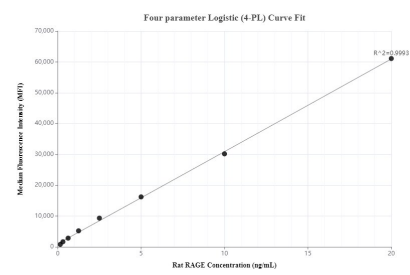
Selected Validation Data



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 AGER/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