

For Research Use Only

# AGER/RAGE Recombinant monoclonal antibody, PBS Only

Catalog Number: 85349-1-PBS



## Basic Information

### Catalog Number:

85349-1-PBS

### Size:

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

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

EG3860

### GenBank Accession Number:

BC020669

### GeneID (NCBI):

177

### UNIPROT ID:

Q15109

### Full Name:

advanced glycosylation end product-specific receptor

### Calculated MW:

404 aa, 43 kDa

### Observed MW:

43 kDa

### Purification Method:

Protein A purification

### CloneNo.:

242714G12

## Applications

### Tested Applications:

WB, Indirect ELISA

### Species Specificity:

human, mouse, pig

## Background Information

The receptor for advanced glycation end products (RAGE) is a cell surface transmembrane multiligand receptor, also known as Ager, is a multiligand member of the immunoglobulin superfamily. It has many isoforms and is predominantly expressed in the lung. AGER expression is upregulated in many diseases such as Alzheimer's disease, diabetes mellitus, atherosclerosis, and rheumatoid arthritis (PMID: 35099614).

## Storage

### Storage:

Store at -80°C.

### Storage Buffer:

PBS only, pH7.3

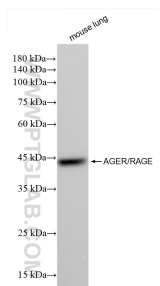
For technical support and original validation data for this product please contact:

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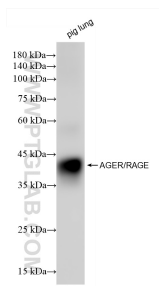
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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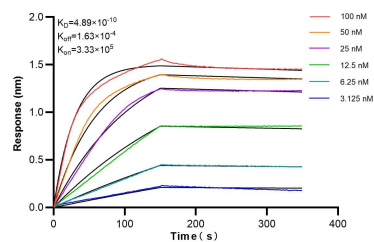
## Selected Validation Data



mouse lung tissue were subjected to SDS PAGE followed by western blot with 85349-1-RR (AGER/RAGE antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85349-1-PBS in a different storage buffer formulation.



pig lung tissue were subjected to SDS PAGE followed by western blot with 85349-1-RR (AGER/RAGE antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85349-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 85349-1-RR against Human AGER/RAGE were performed. The affinity constant is 0.489 nM.