

## Summary

|                        |                                        |
|------------------------|----------------------------------------|
| <b>Production Name</b> | RAGE Rabbit Monoclonal Antibody        |
| <b>Description</b>     | Recombinant Rabbit Monoclonal antibody |
| <b>Host</b>            | Rabbit                                 |
| <b>Application</b>     | WB                                     |
| <b>Reactivity</b>      | Mouse                                  |

## Performance

|                     |                                                                                          |
|---------------------|------------------------------------------------------------------------------------------|
| <b>Conjugation</b>  | Unconjugated                                                                             |
| <b>Modification</b> | Unmodified                                                                               |
| <b>Isotype</b>      | IgG                                                                                      |
| <b>Clonality</b>    | Monoclonal Antibody                                                                      |
| <b>Form</b>         | Liquid                                                                                   |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| <b>Buffer</b>       | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA    |
| <b>Purification</b> | Affinity Purified                                                                        |

## Immunogen

|                          |                                                                                                                    |
|--------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | AGER                                                                                                               |
| <b>Alternative Names</b> | AGER; RAGE; Advanced glycosylation end product-specific receptor; Receptor for advanced glycosylation end products |
| <b>Gene ID</b>           | 177                                                                                                                |
| <b>SwissProt ID</b>      | Q15109                                                                                                             |

## Application

|                         |                                            |
|-------------------------|--------------------------------------------|
| <b>Dilution Ratio</b>   | WB: 1/500-1/1000                           |
| <b>Molecular Weight</b> | Calculated MW: 43 kDa; Observed MW: 55 kDa |

**Product Name: RAGE Rabbit Monoclonal Antibody**  
**Catalog #: AMRe02516**



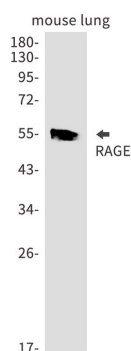
## Background

The receptor for advanced glycation end products (RAGE) is member of the immunoglobulin (Ig) superfamily. Mediates interactions of advanced glycosylation end products (AGE). Binding of AGEs to RAGE results in the induction of cellular oxidant stress and activation of the transcription factor NFkB. Evidence suggests that the induction of oxidant stress results in the activation of an intracellular cascade involving p21 ras and MAP kinase, which leads to activation of transcription.

## Research Area

Neuroscience

## Image Data



Western blot analysis of RAGE in mouse lung lysates using RAGE antibody.

## Note

For research use only.