

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

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.3mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000
Molecular Weight	Calculated MW: 43 kDa; Observed MW: 55 kDa

Antigen Information

Gene Name	AGER
Alternative Names	AGER; RAGE; Advanced glycosylation end product-specific receptor; Receptor for advanced glycosylation end products
Gene ID	177
SwissProt ID	Q15109
Immunogen	Recombinant protein of human RAGE

Background

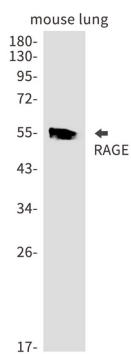
The receptor for advanced glycation end products (RAGE) is member of the immunoglobulin (Ig) superfamily. Mediates

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.