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| <b>Product name:</b>     | RAGE Rabbit Monoclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Cat number:</b>       | MABN86874                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Conjugate:</b>        | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Size:</b>             | 100µL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Clone:</b>            | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Concentration:</b>    | 1mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Host:</b>             | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Isotype:</b>          | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Immunogen:</b>        | Recombinant protein of human RAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Reactivity:</b>       | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Applications:</b>     | WB 1:500-1:2000, IHC 1:500-1:2000, ICC/IF 1:100-1:200, FC 1:200-1:500, IP 1:20-1:50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Molecular Weight:</b> | Calculated MW:43 kDa; Observed MW:48, 52, 58 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Purification:</b>     | Affinity Purification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Form:</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Buffer:</b>           | Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Storage:</b>          | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Background:</b>       | <p>The advanced glycosylation end product (AGE) receptor encoded by this gene is a member of the immunoglobulin superfamily of cell surface receptors. It is a multiligand receptor, and besides AGE, interacts with other molecules implicated in homeostasis, development, and inflammation, and certain diseases, such as diabetes and Alzheimer's disease. Many alternatively spliced transcript variants encoding different isoforms, as well as non-protein-coding variants, have been described for this gene (PMID:18089847). [provided by RefSeq, May 2011]</p> |