Datasheet for ABIN6988266
**anti-AGE antibody (PE)**

## Overview

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| Quantity: | 100 μL |
| Target: | AGE |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This AGE antibody is conjugated to PE |
| Application: | Western Blotting (WB), Flow Cytometry (FACS) |

## Product Details

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| Immunogen: | AGEs |
| Isotype: | IgG |
| Specificity: | Reacts with BSA-AGE. |
| Cross-Reactivity: | Human, Mouse, Rat |
| Purification: | Purified by Protein A. |

## Target Details

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| Target: | AGE |
| Alternative Name: | AGEs (AGE Products) |
| Target Type: | Chemical |
| Background: | Synonyms: Advanced Glycation End products, Serum albumin, BSA, ALB |

## Target Details

Background: Advanced Glycation End products (AGEs) are the result of a chain of chemical reactions after an initial glycation reaction. The intermediate products are known, variously, as Amadori, Schiff base and Maillard products, named after the researchers who first described them. (The literature is inconsistent in applying these terms. For example, Maillard reaction products are sometimes considered intermediates and sometimes end products.) Side products generated in intermediate steps may be oxidizing agents (such as hydrogen peroxide), or not (such as beta amyloid proteins). "Glycosylation" is sometimes used for "glycation" in the literature, usually as 'non-enzymatic glycosylation. The AGE-modified BSA was produced by reacting BSA with glycolaldehyde under sterile conditions followed by extensive dialysis and purification steps.

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| Gene ID: | 280717 |
| UniProt: | P02769 |

## Application Details

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| Application Notes: | FCM 1:20-100 |
| Restrictions: | For Research Use only |

## Handling

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| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date: | 12 months |