



Anti-AGER monoclonal antibody, clone 286550 [Biotin] (DCABY-4304)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	View RAGE IHC images.
Specificity	Detects mouse RAGE in ELISAs.
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse RAGE. Gly23-Ala342 Accession Number Q62151
Isotype	IgG2a
Source/Host	Rat
Species Reactivity	Mouse
Clone	286550
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Biotin
Applications	ELISA Detection (Matched Pair)
Format	Liquid
Size	250 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied.

1 month, 2 to 8 °C under sterile conditions after reconstitution.
6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	Ager advanced glycosylation end product-specific receptor [Mus musculus (house mouse)]
Official Symbol	AGER
Synonyms	AGER; advanced glycosylation end product-specific receptor; RAGE; advanced glycation end-products receptor; receptor for advanced glycosylation end products; receptor for advanced glycation end-products variant 20;
Entrez Gene ID	11596
Protein Refseq	NP_001258351
UniProt ID	C5H3H7
Chromosome Location	17 B1; 17
Pathway	Activated TLR4 signalling; Advanced glycosylation endproduct receptor signaling; Cytosolic sensors of pathogen-associated DNA; DEx/H-box helicases activate type I IFN and inflammatory cytokines production; Immune System; Innate Immune System; MyD88 casc
Function	S100 protein binding; advanced glycation end-product receptor activity; high mobility group box 1 binding; identical protein binding; protein binding;