



Anti-AGER monoclonal antibody, clone 287003 (DCABY-3942)

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

PRODUCT INFORMATION

Antigen Description	View RAGE IHC images.
Specificity	Detects human RAGE in ELISAs and Western blots. In Western blots, this antibody shows approximately 25% cross-reactivity with recombinant mouse RAGE and recombinant rat RAGE.
Immunogen	Mouse myeloma cell line NS0-derived recombinant human RAGE. Gln24-Ala344 Accession Number Q15109
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	287003
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Unconjugated
Applications	Western Blot, ELISA Capture (Matched Pair), Blockade of Receptor-ligand Interaction
Format	Liquid
Size	500 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
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 [Homo sapiens (human)]
Official Symbol	AGER
Synonyms	AGER; advanced glycosylation end product-specific receptor; RAGE; RAGE isoform sRAGE-delta; RAGE isoform NtRAGE-delta; receptor for advanced glycation end-products variant 20;
Entrez Gene ID	177
Protein Refseq	NP_001127
UniProt ID	B4DNX3
Chromosome Location	6p21.3
Pathway	AGE/RAGE 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 Sy
Function	S100 protein binding; identical protein binding; protein binding; receptor activity; transmembrane signaling receptor activity;