



Anti-ACE monoclonal antibody, clone 340306 (DCABY-4171)

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

PRODUCT INFORMATION

Antigen Description	View ACE IHC images.
Specificity	Detects mouse ACE/CD143 in ELISAs. In sandwich immunoassays, no cross-reactivity with recombinant mouse ACE-2 is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse ACE/CD143. Leu35-Ser1264 Accession Number EDL34253
Isotype	IgG1
Source/Host	Rat
Species Reactivity	Mouse
Clone	340306
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Unconjugated
Applications	ELISA Capture (Matched Pair)
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	Ace angiotensin I converting enzyme (peptidyl-dipeptidase A) 1 [Mus musculus (house mouse)]
Official Symbol	ACE
Synonyms	ACE; angiotensin I converting enzyme (peptidyl-dipeptidase A) 1; CD143; AW208573; angiotensin-converting enzyme; kininase II; dipeptidyl peptidase; dipeptidyl carboxypeptidase I;
Entrez Gene ID	11421
Protein Refseq	NP_001268748
UniProt ID	Q3TU20
Chromosome Location	11 E1; 11 68.84 cM
Pathway	ACE Inhibitor Pathway; Chagas disease (American trypanosomiasis); Hypertrophic cardiomyopathy (HCM); Metabolism of Angiotensinogen to Angiotensins; Metabolism of proteins; Peptide hormone metabolism; Renin-angiotensin system;
Function	actin binding; amylase activity; beta-6-sulfate-N-acetylglucosaminidase activity; beta-glucanase activity; bradykinin receptor binding; carboxypeptidase activity; chloride ion binding; dextrin alpha-glucosidase activity; drug binding; endopeptidase activi