

Mouse HbA1c Monoclonal Antibody | anti-HbA1c antibody

Mouse monoclonal Glycated Hemoglobin (HbA1c) antibody

CATALOG # AAA224641	HOST Mouse	APPLICATIONS ELISA
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PRODUCT SYNONYMS

HbA1c; Monoclonal Antibody; Mouse monoclonal Glycated Hemoglobin (HbA1c) antibody; HbA1c antibody; Glycated Hemoglobin antibody; Hemoglobin A1c antibody; Monoclonal HbA1c antibody; Anti-Hemoglobin antibody; Haemoglobin antibody; Anti HbA1c antibody; anti-HbA1c antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG
Clone Number	M81865
Purity/Purification	> 90% pure
Form/Format	Liquid. Purified from ascites, supplied in 10mM PBS buffer, pH 7.4 with 0.1% P300
Concentration	8.87 mg/ml (varies by lot)
Sequence Length	142
Applicable Applications for anti-HbA1c antibody	IA (Immunoassay), ELISA
Immunogen	Native human glycated hemoglobin
Biological Significance	Hemoglobin is found in red blood cells and is responsible for carrying oxygen throughout the body. In diabetes mellitus, sugar builds up in the blood and combines with hemoglobin, becoming "glycated." Hemoglobin A1c (or HbA1c) levels are measured to determine the average amount of sugar in your blood. Higher levels of HbA1c in the range of 6.5% indicate diabetes, with risk developing at greater than 4% HbA1c. Point of care kits use Boronate affinity chromatography and immunoassays to detect HbA1c, but ELISA and HPLC are also commonly used tests for HbA1c.
Preparation and Storage	Store at 4°C for up to 2 weeks, or -20°C long term

ADDITIONAL INFORMATION

Product Categories/Family for anti-HbA1c antibody	Nutrition & Metabolism
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504347
NCBI GeneID	3039
NCBI Accession #	NP_000549.1
NCBI GenBank Nucleotide #	NM_000558.4
UniProt Accession #	P69905; P01922; Q1HDT5; Q3MIF5; Q53F97; Q96KF1; Q9NYR7; Q9UCM0

NCBI Official Full Name	hemoglobin subunit alpha
NCBI Official Synonym Full Names	hemoglobin subunit alpha 1
NCBI Official Symbol	HBA1
NCBI Official Synonym Symbols	HBH; HBA-T3
NCBI Protein Information	hemoglobin subunit alpha
UniProt Protein Name	Hemoglobin subunit alpha
UniProt Gene Name	HBA1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/hba1c-antibody-clone-m81865-immunoassay-elisa/224641>