



Magic™ Anti-HbA1c monoclonal antibody, clone N9232643 (DCABY-4723)

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

PRODUCT INFORMATION

Antigen Description	Glycated hemoglobin (HbA1c) is a form of hemoglobin which is measured primarily to identify the average plasma glucose concentration over prolonged periods of time. It is formed in a non-enzymatic glycation pathway by hemoglobins exposure to plasma glucose. The non - glycosylated hemoglobin, which consists of the bulk of hemoglobin, has been designated HbAo.
Specificity	Human
Immunogen	Hemoglobin A1c antibody was raised in mouse using human HbA1c beta subunit N - terminal region-KLH conjugate as the immunogen.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	N9232643
Conjugate	Unconjugated
Applications	ELISA Pr* Suggested pair for sandwich ELISA (Capture - Detection): DCABY-4730 - DCABY-4723
Format	Liquid
Size	1 mg
Buffer	Purified by affinity chromatography on Protein G Sepharose and supplied in PBS with 0.09% NaN3.

Preservative	0.09% Sodium Azide
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Storage	Store at 4 °C
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BACKGROUND

Introduction	Hemoglobin A1c is a minor component of hemoglobin to which glucose is bound. HbA1c levels depend on the blood glucose concentration: The higher the glucose concentration in blood, the higher the level of HbA1c. Levels of HbA1c are not influenced by daily fluctuations in the blood glucose concentration but reflect the average glucose levels over the prior 6 to 8 weeks.
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Keywords	Hemoglobin A1c; Hemoglobin A 1c; Hemoglobin Ac -1; HbA1c; Hemoglobin;
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GENE INFORMATION

Entrez Gene ID	3039
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UniProt ID	D1MGQ2
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