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Datasheet for ABIN782105
anti-HbA1c antibody (N-Term)

Overview

Quantity:	1 mg
Target:	HbA1c
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HbA1c antibody is un-conjugated
Application:	ELISA (Detection), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Human HbA1c, N-terminal of the beta chain – KLH conjugate.
Clone:	B842M
Isotype:	IgG1
Purification:	Protein G Chromatography

Target Details

Target:	HbA1c
Alternative Name:	Glycohemoglobin / HBA1c (HbA1c Products)
Background:	Involved in oxygen transport from the lung to the various peripheral tissues. Hemoglobin is composed of one globin plus four hemes, heme consists of protoporphyrin IX and ferrous iron.

Target Details

The iron content of human hemoglobin is 0.338 % (w/w) which gives a minimal molecular weight of 16,520, however, ultracentrifugal and osmotic pressure measurements indicate an actual molecular weight four times the minimum molecular weight. Synonyms: GHb, Hemoglobin A1c

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 3.27 mg/mL

Buffer: PBS, 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Storage Comment: Store the antibody undiluted at 2-8 °C.