

## Anti-HbA1c Antibody [Clone 5G4]

|                       |                             |
|-----------------------|-----------------------------|
| <b>Catalog Number</b> | LDG0060YA                   |
| <b>Package</b>        | 100 µg / Customized package |

For full product information, images and publications, please visit [our website](#).



### Overview

#### Description

Hemoglobin (Hb) is the major component of red blood cell. Hb is a iron-containing oxygen transport protein which carries oxygen from pulmonary alveolus to the cells. Hb is a quaternary structure that contains four subunits. HbA1c (Glycated hemoglobin; hemoglobin A1c) is a form Hb is linked to sugar. The HbA1c level can indicate three-month average blood sugar level.

#### Product Note

Recommended dilution factor:

ELISA: 1:5000-20000 (0.05-0.2 µg/mL)

IP: 1:500-2000 (0.5-2 µg/mL)

Note: Working dilution for specific application should be determined by the investigator to obtain the best conditions.

### Specifications

#### Host

Mouse

#### Clonality

Monoclonal

#### Isotype

IgG2b

#### Clone Name

clone 5G4

#### Immunogen

KLH-conjugated HbA1c peptide

#### Reactivity

Human

#### Application

ELISA, IP

#### Conjugation

Unconjugated

**Concentration**

1 mg/mL

**Specificity**

HbA1c protein

**Storage Buffer**

Phosphate Buffered Saline containing 0.01% thimerosal, pH 7.4.

**Form**

Liquid

**Instruction****Shipping**

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

**Stability & Storage**

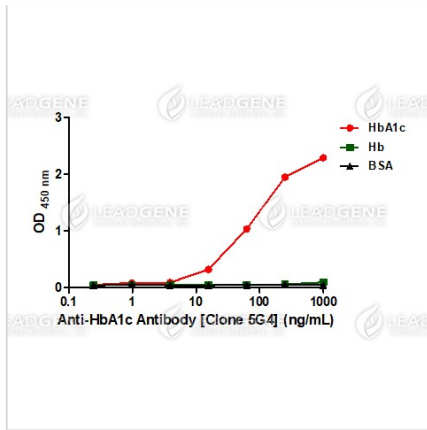
This product is stable after storage at:

- 2-8°C for 2 weeks under sterile conditions from date of receipt.
- -20°C or -80°C for 12 months under sterile conditions from date of receipt.

Avoid repeated freeze/thaw cycles.

Suggestion: Divide antibody into several vials. Keep only vials for usage at 2-8°C.

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ELISA titration of Anti-HbA1c Antibody [Clone 5G4].

Titration curve of Anti-HbA1c Antibody in ELISA. Red: HbA1c ; Green: Hb ; Black: BSA (negative control).

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