Anti-HbA1c Antibody [Clone 5G4]

Catalog Number	LDG0060YA

Package	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 carriies 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 blooe 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	Clonality
Mouse	Monoclonal

Isotype	Clone Name
IgG2b	clone 5G4

Immunogen	Reactivity
KLH-conjugated HbA1c peptide	Human

Tainan Headquarter

📞 +886-6-2536677

✉ bd@leadgene.com.tw

Innovation & Research Center

📞 +886-2-27065528

CLD Center

📞 +886-6-2536677

Application	**Conjugation**
ELISA, IP	Unconjugated

Concentration	**Storage Buffer**
1 mg/mL	Phosphate Buffered Saline containing 0.01% thimerosal, pH 7.4.

Specificity	**Form**
HbA1c protein	Liquid

Instruction

Shipping

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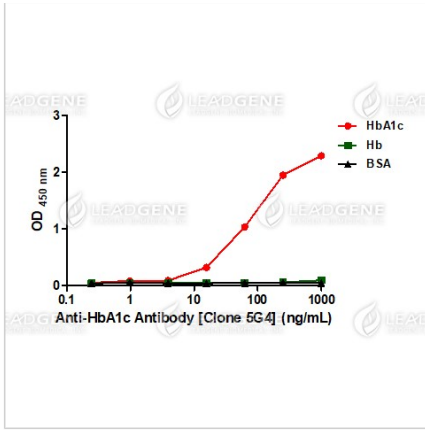
Stability & Storage

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.

Image

ELISA titration of Anti-HbA1c Antibody [Clone 5G4].
Titration curve of Anti-HbA1c Antibody in ELISA. Red: HbA1c ; Green: Hb ; Black: BSA (negative control).

Disclaimer : For Research Use or Further Manufacturing Only.

Tainan Headquarter

📞 +886-6-2536677

✉ bd@leadgene.com.tw

Innovation & Research Center

📞 +886-2-27065528

CLD Center

📞 +886-6-2536677