

For Research Use Only

# GDA Monoclonal antibody

Catalog Number: 68107-1-Ig



## Basic Information

**Catalog Number:**

68107-1-Ig

**Size:**

1000 µg/ml

**Source:**

Mouse

**Isotype:**

IgG1

**Immunogen Catalog Number:**

AG4891

**GenBank Accession Number:**

BC030266

**GeneID (NCBI):**

8034

**UNIPROT ID:**

P16260

**Full Name:**

solute carrier family 25  
(mitochondrial carrier; Graves disease  
autoantigen), member 16

**Calculated MW:**

36 kDa

**Observed MW:**

33 kDa

**Purification Method:**

Protein G purification

**CloneNo.:**

3F10C8

**Recommended Dilutions:**

WB 1:5000-1:50000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

Human

**Positive Controls:**

WB : LNCaP cells, HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells

## Background Information

GDA, also named as SLC25A16, GDC, ML7, hML7, belongs to the mitochondrial carrier family. GDA encodes a protein that contains three tandemly repeated mitochondrial carrier protein domains. The encoded protein is localized in the mitochondrion inner membrane and facilitates the rapid transport and exchange of molecules between the cytosol and the mitochondrial matrix space. This gene has been associated with Graves' disease (PMID:11158296, 1457817).

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

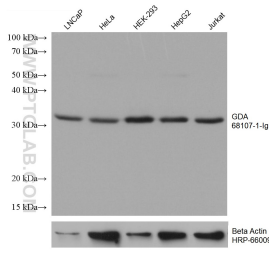
T: 4006900926

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68107-1-Ig (GDA antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control.