

For Research Use Only

GDA Monoclonal antibody

Catalog Number: 68107-1-Ig



Basic Information

Catalog Number: 68107-1-Ig	GenBank Accession Number: BC030266	Purification Method: Protein G purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 8034	CloneNo.: 3F10C8
Source: Mouse	Full Name: solute carrier family 25 (mitochondrial carrier; Graves disease autoantigen), member 16	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG1	Calculated MW: 36 kDa	
Immunogen Catalog Number: AG4891	Observed MW: 33 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : LNCaP cells, HeLa cells, HEK-293 cells, HepG2 cells, Jurkat cells
Species Specificity: Human	

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

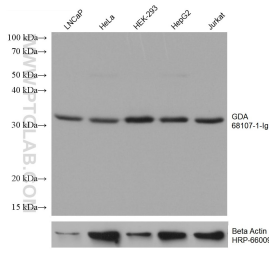
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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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.