

## GART Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant GART.

Catalog # AT2154a

### Product Information

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<b>Application</b>	WB, IHC, IF, IP
<b>Primary Accession</b>	<a href="#">P22102</a>
<b>Other Accession</b>	<a href="#">BC038958</a>
<b>Reactivity</b>	Human
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG1 kappa
<b>Clone Names</b>	4D6-1D5
<b>Calculated MW</b>	107767

### Additional Information

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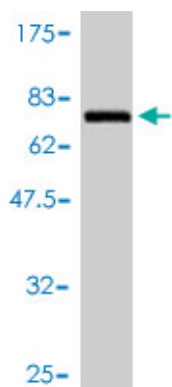
<b>Gene ID</b>	2618
<b>Other Names</b>	Trifunctional purine biosynthetic protein adenosine-3, Phosphoribosylamine--glycine ligase, Glycinamide ribonucleotide synthetase, GARS, Phosphoribosylglycinamide synthetase, Phosphoribosylformylglycinamidine cyclo-ligase, AIR synthase, AIRS, Phosphoribosyl-aminoimidazole synthetase, Phosphoribosylglycinamide formyltransferase, 5'-phosphoribosylglycinamide transformylase, GAR transformylase, GART, GART, PGFT, PRGS
<b>Target/Specificity</b>	GART (AAH38958.1, 1 a.a. ~ 433 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Dilution</b>	WB~~1:500~1000 IHC~~1:100~500 IF~~1:50~200 IP~~N/A
<b>Format</b>	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Precautions</b>	GART Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

### References

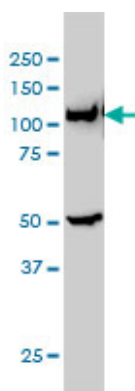
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1.Differentially expressed gene profile in the 6-hydroxy-dopamine-induced cell culture model of Parkinson's disease.Noelker C, Schwake M, Balzer-Geldsetzer M, Bacher M, Popp J, Schlegel J, Eggert K, Oertel WH, Klockgether T, Dodel R.Neurosci Lett. 2011 Dec 1.2.No Evidence for Mutations that Deregulate GARS?VAIRS?VGART Protein Levels in Children with Down Syndrome.Banerjee D, Ghosh D, Chatterjee A,

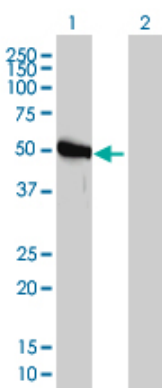
## Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (73.37 KDa) .

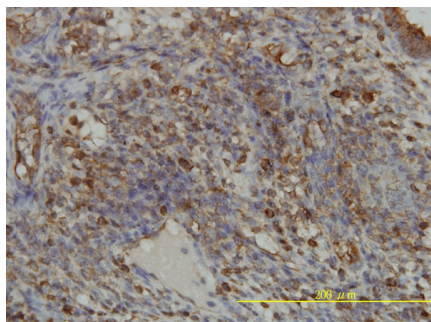


GART monoclonal antibody (M01), clone 4D6-1D5  
Western Blot analysis of GART expression in HeLa S3 NE (Cat # AT2154a )



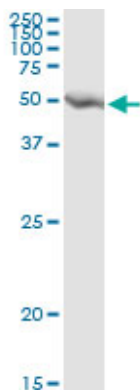
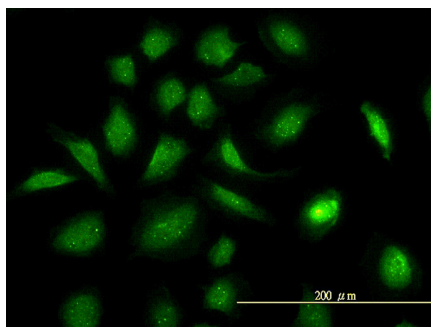
Western Blot analysis of GART expression in transfected 293T cell line by GART monoclonal antibody (M01), clone 4D6-1D5.

Lane 1: GART transfected lysate(46 KDa).  
Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to GART on formalin-fixed paraffin-embedded human endometrium tissue. [antibody concentration 2 ug/ml]

Immunofluorescence of monoclonal antibody to GART on HeLa cell. [antibody concentration 10 ug/ml]



Immunoprecipitation of GART transfected lysate using anti-GART monoclonal antibody and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with GART MaxPab rabbit polyclonal antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.