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GART Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant GART.
Catalog # AT2154a

Product Information

Application	WB, IHC, IF, IP
Primary Accession	P22102
Other Accession	BC038958
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 kappa
Clone Names	4D6-1D5
Calculated MW	107767

Additional Information

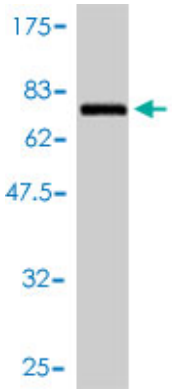
Gene ID	2618
Other Names	Trifunctional purine biosynthetic protein adenosine-3, Phosphoribosylamine--glycine ligase, Glycinamide ribonucleotide synthetase, GARS, Phosphoribosylglycinamide synthetase, Phosphoribosylformylglycinamidine cyclo-ligase, AIR synthase, AIRS, Phosphoribosyl-aminoimidazole synthetase,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

References

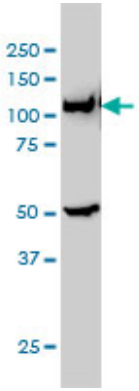
1.Differentially expressed gene profile in the 6-hydroxy-dopamine-induced cell culture model of Parkinson's disease.Noelker C, Schwake M, Balzer-Geldsetzer M, Bacher M, Popp J, Schlegel J, Eggert K, Oertel WH, Klockgether T, Dodel R.Neurosci Lett. 2011 Dec 1.2.No Evidence for Mutations that Deregulate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

Sinha S, Nandagopal K.Ind J Clin Biochem DOI 10.1007/s12291 -011-0183-63.5,10-Methenyltetrahydrofolate Synthetase Activity is Increased in Tumors and Modifies the Efficacy of Antipurine LY309887.Field MS, Anguera MC, Page R, Stover PJ.Arch Biochem Biophys. 2009 Jan 15;481(2):145-50. Epub 2008 Nov 8.

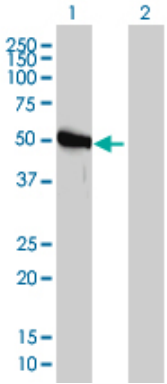
Images



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

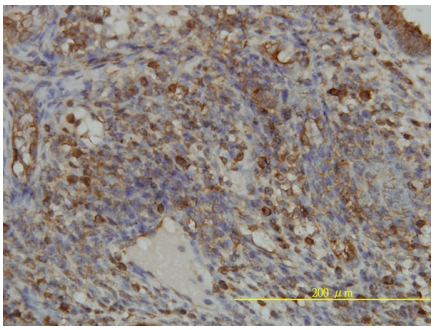


GART monoclonal antibody (M01), clone 4D6-1D5
Western Blot analysis of GART expression in Hela S3 NE ((Cat # AT2154a)



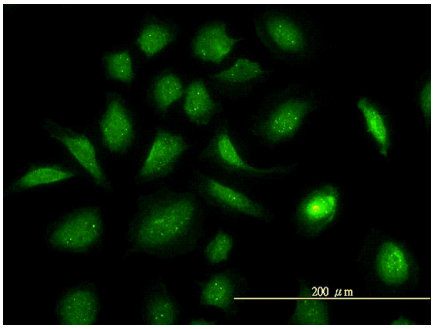
Western Blot analysis of GART expression in transfected 293T cell line by GART monoclonal antibody (M01), clone 4D6-1D5.

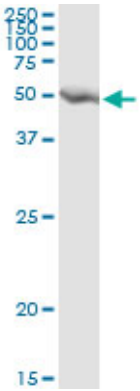
Lane 1: GART transfected lysate(46 KDa).
Lane 2: Non-transfected lysate.



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'.