

## Product datasheet for **AM20886PU-N**

### GART Mouse Monoclonal Antibody [Clone ID: 4D6-1D5]

#### Product data:

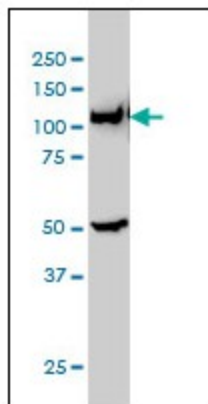
Product Type:	Primary Antibodies
Clone Name:	4D6-1D5
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	<b>ELISA.</b> <b>Immunofluorescence:</b> 10 µg/ml. <b>Immunohistochemistry on Paraffin Sections:</b> 10 - 20 µg/ml. <b>Western Blot.</b>
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant protein, GART (AAH38958, 1 a.a. ~ 434 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Specificity:	This antibody reacts to Phosphoribosylamine--glycine Ligase (GART).
Formulation:	PBS, pH 7.2 State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	phosphoribosylglycinamide formyltransferase, phosphoribosylglycinamide synthetase, phosphoribosylaminoimidazole synthetase
Database Link:	<a href="#">Entrez Gene 2618 Human P22102</a>
Synonyms:	Glycinamide ribonucleotide synthetase, GARS, GAR transformylase, AIRS, AIR synthase, PGFT, PRGS



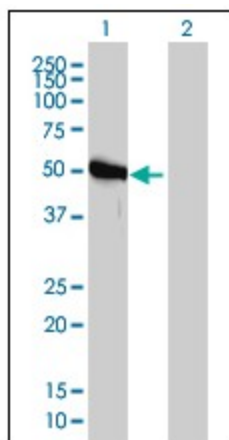
[View online »](#)

**Protein Pathways:** Metabolic pathways, One carbon pool by folate, Purine metabolism

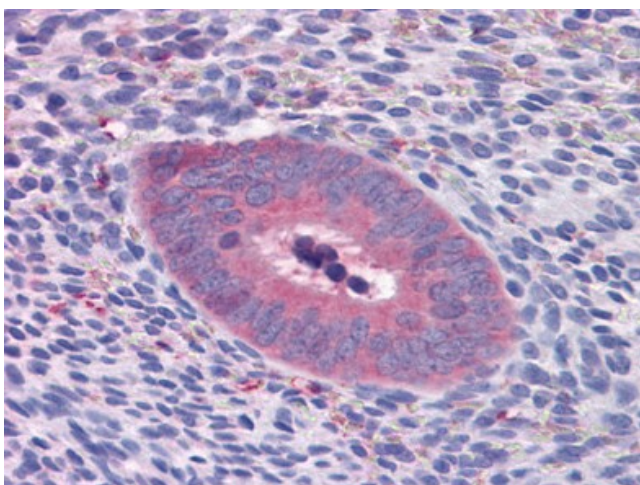
**Product images:**



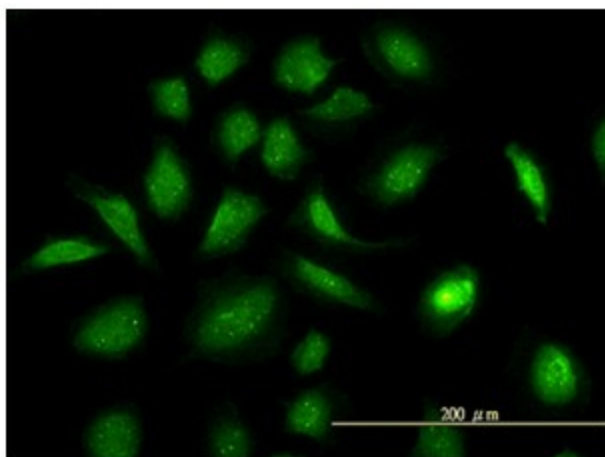
GART monoclonal antibody clone 4D6-1D5  
Western Blot analysis of GART expression in HeLa NE.



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



Human Uterus: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunofluorescence of monoclonal antibody to GART on HeLa cell (antibody concentration 10 ug/ml).