

For Research Use Only

# GATC Monoclonal antibody, PBS Only



Catalog Number: 68405-1-PBS

## Basic Information

<b>Catalog Number:</b> 68405-1-PBS	<b>GenBank Accession Number:</b> BC107145	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 283459	<b>CloneNo.:</b> 2F9C8
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> O43716	
<b>Isotype:</b> IgG2b	<b>Full Name:</b> glutamyl-tRNA(Gln) amidotransferase, subunit C homolog (bacterial)	
<b>Immunogen Catalog Number:</b> AG19857	<b>Calculated MW:</b> 136 aa, 15 kDa	
	<b>Observed MW:</b> 15 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
Human

## Background Information

GATC encodes a subunit of the glutamyl-tRNA(Gln) amidotransferase protein complex (GatCAB), which plays a role in aminoacylation of mitochondrial glutamyl mt-tRNA. The complex plays a role in mitochondrial translation and protein synthesis (PubMed: 30283131).

## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS Only

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

T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

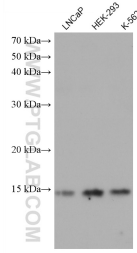
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



A549 cells were subjected to SDS PAGE followed by western blot with 68405-1-Ig (GATC antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68405-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 68405-1-Ig (GATC antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68405-1-PBS in a different storage buffer formulation.