

For Research Use Only

Glutamine Synthetase Monoclonal antibody



Catalog Number: 66323-2-Ig **Featured Product**

Basic Information

Catalog Number: 66323-2-Ig	GenBank Accession Number: BC011700	Purification Method: Protein A purification
Size: 150ul , Concentration: 1300 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 2752	CloneNo.: 1B6G4
Source: Mouse	Full Name: glutamate-ammonia ligase (glutamine synthetase)	Recommended Dilutions: WB 1:500-1:2000 IHC 1:2500-1:10000
Isotype: IgG1	Calculated MW: 374 aa, 42 kDa	
Immunogen Catalog Number: AG6309		

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Species Specificity: Human, mouse, rat	WB: Jurkat cells,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC: human liver cancer tissue, rat liver tissue, mouse liver tissue

Background Information

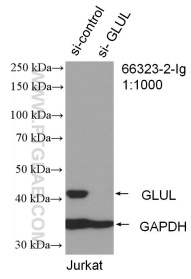
Storage

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

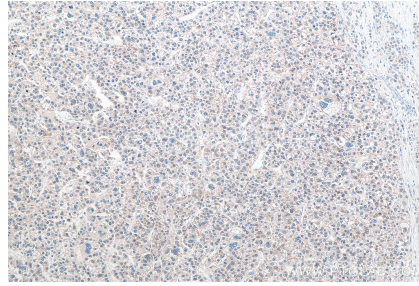
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

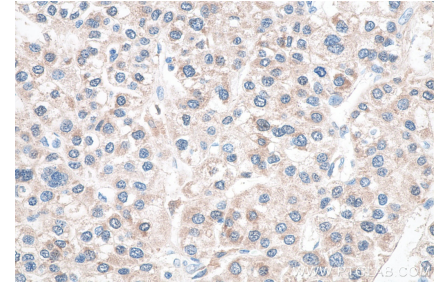
Selected Validation Data



WB result of Glutamine synthetase antibody (66323-2-Ig; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-Glutamine synthetase transfected Jurkat cells.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66323-2-Ig (Glutamine Synthetase antibody) at dilution of 1:5000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66323-2-Ig (Glutamine Synthetase antibody) at dilution of 1:5000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).