

For Research Use Only

CoraLite® Plus 488-conjugated ASNS Monoclonal antibody

Catalog Number: CL488-68004



Basic Information

Catalog Number: CL488-68004	GenBank Accession Number: BC014621	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 440	CloneNo.: 1C3D3
Source: Mouse	UNIPROT ID: P08243	Recommended Dilutions: WB 1:1000-1:4000 IF/ICC 1:50-1:500
Isotype: IgG1	Full Name: asparagine synthetase	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG6817	Calculated MW: 64 kDa	
	Observed MW: 55-64 kDa	

Applications

Tested Applications: WB, IF/ICC	Positive Controls:
Species Specificity: human	WB : LNCaP cells, K-562 cells IF/ICC : SH-SY5Y cells,

Background Information

Asparagine synthetase [glutamine-hydrolyzing](ASNS) is also named as TS11. The asparagine synthetase gene, encoding the enzyme that catalyzes the synthesis of asparagine and glutamate using glutamine and aspartate, is a gene for which transcription is highly regulated by the nutritional status of the cell(PMID:15385533). ASNS has some isoforms with the MW of 55-64 kDa.

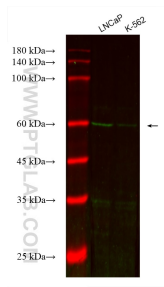
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

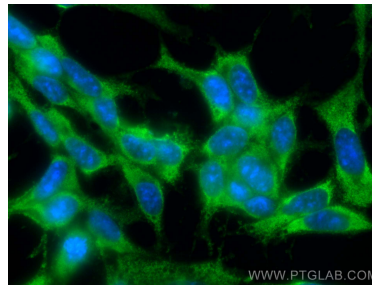
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with CL488-68004 (ASNS antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using CoraLite® Plus 488 ASNS antibody (CL488-68004, Clone: 1C3D3) at dilution of 1:200.