

Nur für Forschungszwecke

# Glutamine Synthetase Monoklonaler Antikörper



Katalog-Nr.:CL594-66323

Vorgestelltes Produkt

## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL594-66323	<b>GenBank-Zugangsnummer:</b> BC011700	<b>Reinigungsmethode:</b> Protein-G-Reinigung
<b>Größe:</b> 100ul , Konzentration: 1000 µg/ml von2752 Nanodrop;	<b>GeneID (NCBI):</b> 2752	<b>CloneNo.:</b> 1B6G4
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> glutamate-ammonia ligase (glutamine synthetase)	<b>Empfohlene Verdünnungen:</b> IF 1:50-1:500
<b>Isotyp:</b> IgG1	<b>Berechnete Masse:</b> 374 aa, 42 kDa	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 588 nm / 604 nm
<b>Immunogen Katalognummer:</b> AG6309		

## Anwendungen

<b>Geprüfte Anwendungen:</b> IF	<b>Positivkontrollen:</b> IF : Maushirngewebe,
<b>Getestete Reaktivität:</b> Human, Maus, Ratte	

## Hintergrundinformationen

GLUL(Glutamine synthetase) is also named as GS, GLNS and belongs to the glutamine synthetase family. This enzyme has 2 functions: it catalyzes the production of glutamine and 4-aminobutanoate (gamma-aminobutyric acid, GABA), the latter in a pyridoxal phosphate-independent manner. By similarity. Essential for proliferation of fetal skin fibroblasts(PMID:18662667). Defects in GLUL are the cause of congenital systemic glutamine deficiency (CSGD). Organismal glutamine production is augmented secondary to an increase in the activity of glutamine synthetase in the lung and skeletal muscle(PMID:7630137). The antibody is conjugated with CL594, Ex/Em 593 nm/614 nm.

## Lagerung

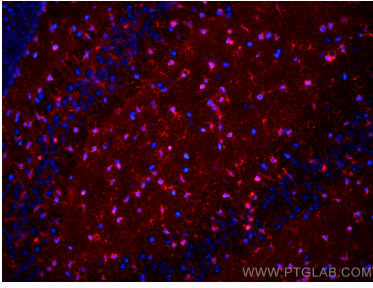
**Lagerungsbedingungen:**  
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.  
**Lagerungspuffer:**  
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.  
**Aliquotieren ist nicht notwendig bei -20°C Lagerung**

\*\*\* 20ul-Größen enthalten 0.1% BSA

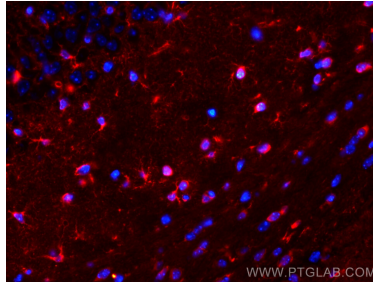
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

## Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CoraLite®594 Glutamine Synthetase antibody (CL594-66323, Clone: 1B6G4) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CoraLite®594 Glutamine Synthetase antibody (CL594-66323, Clone: 1B6G4) at dilution of 1:200.