

Nur für Forschungszwecke

NARS Monoklonaler Antikörper

Katalog-Nr.:CL594-67711



Allgemeine Informationen

Katalog-Nr.: CL594-67711	GenBank-Zugangsnummer: BC001687	Reinigungsmethode: Protein-A-Reinigung
Größe: 100ul , Konzentration: 1000 µg/ml von4677 Nanodrop;	GeneID (NCBI): 4677	CloneNo.: 4G5G12
Wirt: Maus	Vollständiger Name: asparaginyI-tRNA synthetase	Empfohlene Verdünnungen: IF 1:50-1:500
Isotyp: IgG2a	Berechnete Masse: 63 kDa	Anregungs-/Emissionsmaxima- Wellenlängen: 588 nm / 604 nm
Immunogen Katalognummer: AG6656	Beobachtete Masse: 63 kDa	

Anwendungen

Geprüfte Anwendungen: FC (Intra), IF	Positivkontrollen: IF : HeLa-Zellen,
Getestete Reaktivität: Human, Maus, Ratte	

Hintergrundinformationen

Asparagine-tRNA ligase (NARS) belongs to the class-II aminoacyl-tRNA synthetase family. Catalyzes the attachment of asparagine to tRNA(Asn) in a two-step reaction: asparagine is first activated by ATP to form Asn-AMP and then transferred to the acceptor end of tRNA(Asn) (PubMed: 9421509). In addition to its essential role in protein synthesis, acts as a signaling molecule that induced migration of CCR3-expressing cells. The NARS levels were higher in tumor tissues compared with adjacent normal tissues, and positively associated with LN metastasis. NARS may serve as a potential biomarker for lung adenocarcinoma (ADC) diagnosis/prognosis (PMID: 27161446).

Lagerung

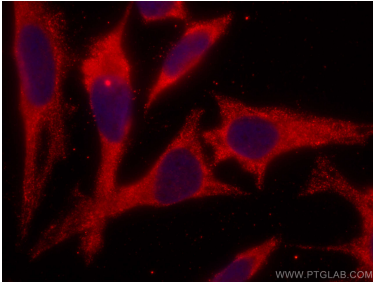
Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.
Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

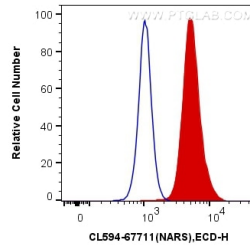
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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This product is exclusively available under Proteintech Group brand and is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

Ausgewählte Validierungsdaten



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CoraLite®594 NARS antibody (CL594-67711, Clone: 4G5G12) at dilution of 1:200.



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human NARS (CL594-67711, Clone:4G5G12) (red), or 0.4 ug Mouse IgG2a Isotype Control (CL594-66360-2, Clone: K11A1B2A2) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).