

Nur für Forschungszwecke

# NARS Monoklonaler Antikörper

Katalog-Nr.:67711-1-Ig



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 67711-1-Ig	<b>GenBank-Zugangsnummer:</b> BC001687	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 150ul , Konzentration: 1000 µg/ml von4677 Nanodrop und 500 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> 4677	<b>CloneNo.:</b> 4G5G12
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> asparaginyI-tRNA synthetase	<b>Empfohlene Verdünnungen:</b> WB 1:5000-1:50000 IF 1:400-1:1600
<b>Isotyp:</b> IgG2a	<b>Berechnete Masse:</b> 63 kDa	
<b>Immunogen Katalognummer:</b> AG6656	<b>Beobachtete Masse:</b> 63 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> IF, WB, ELISA	<b>Positivkontrollen:</b>
<b>Getestete Reaktivität:</b> Human, Maus, Ratte	<b>WB :</b> LNCaP-Zellen, HeLa-Zellen, HepG2-Zellen, Jurkat-Zellen, NIH/3T3-Zellen, RAW 264.7-Zellen
	<b>IF :</b> HeLa-Zellen,

## 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. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
**Aliquotieren ist nicht notwendig bei -20°C Lagerung**

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

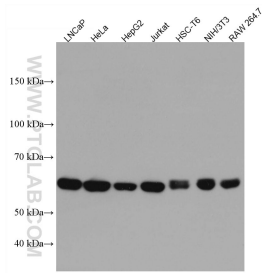
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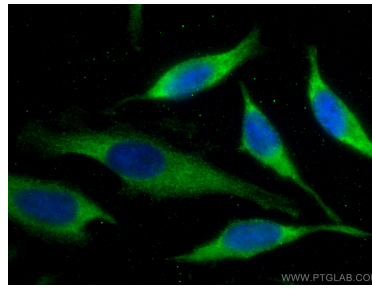
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## Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 67711-1-Ig (NARS antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using NARS antibody (67711-1-Ig, Clone: 4G5G12 ) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).