

Nur für Forschungszwecke

AlaRS Monoklonaler Antikörper

Katalog-Nr.:CL488-67909



Allgemeine Informationen

Katalog-Nr.: CL488-67909	GenBank-Zugangsnummer: BC011451	Reinigungsmethode: Protein-G-Reinigung
Größe: 100ul , Konzentration: 1000 µg/ml von16 Nanodrop;	GeneID (NCBI): 16	CloneNo.: 1C8H3
Wirt: Maus	Vollständiger Name: alanyl-tRNA synthetase	Empfohlene Verdünnungen: IF 1:50-1:500
Isotyp: IgG1	Berechnete Masse: 968 aa, 107 kDa	Anregungs-/Emissionsmaxima- Wellenlängen: 493 nm / 522 nm
Immunogen Katalognummer: AG11151	Beobachtete Masse: 107 kDa	

Anwendungen

Geprüfte Anwendungen: IF	Positivkontrollen: IF : A431-Zellen,
Getestete Reaktivität: Human, Maus, Ratte	

Hintergrundinformationen

AARS(alanyl-tRNA synthetase) is also named as AlaRS(alanine tRNA ligase 1, cytoplasmic), renal carcinoma antigen NY-REN-42 and belongs to the class-II aminoacyl-tRNA synthetase family. It can interpret the RNA code and attach specific aminoacids to the tRNAs that contain the cognate trinucleotide anticodons. AARS consists of three domains: the N-terminal catalytic domain, the editing domain and the C-terminal C-Ala domain. The editing domain removes incorrectly charged amino acids, while the C-Ala domain, along with tRNA(Ala), serves as a bridge to cooperatively bring together the editing and aminoacylation centers thus stimulating deacylation of misacylated tRNAs(PMID:19661429).

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen.
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**

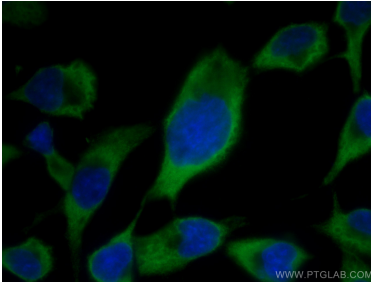
For technical support and original validation data for this product please contact:

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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 Methanol) fixed A431 cells using CoraLite® Plus 488 AlaRS antibody (CL488-67909, Clone: 1C8H3) at dilution of 1:200.