

Datasheet for ABIN932996

**anti-NARS antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	NARS
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NARS antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC), Dot Blot (DB)

## Product Details

Immunogen:	NARS antibody was raised in mouse using recombinant AsparaginyI-Trna Synthetase
Clone:	NARS2G5
Isotype:	IgG1
Cross-Reactivity:	Human, Mouse (Murine)
Cross-Reactivity (Details):	Other species not studied.
Purification:	Protein G affinity chromatography

## Target Details

Target:	NARS
Alternative Name:	NARS ( <a href="#">NARS Products</a> )
Background:	Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate

## Target Details

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amino acids. Asparaginy1-tRNA synthetase is localized to the cytoplasm and belongs to the class II family of tRNA synthetases. The N-terminal domain represents the signature sequence for the eukaryotic asparaginy1-tRNA synthetases. Synonyms: Monoclonal NARS antibody, Anti-NARS antibody, Asparagine tRNA ligase antibody, ASNRS antibody.

## Application Details

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Application Notes: WB: 0.2-2 µg/mL, IP: 100-500 µg/sample, ICC: 2-100 µg/mL  
Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Concentration: Lot specific

Buffer: NARS antibody in PBS (3.0 mM KCl, 1.5 mM KH<sub>2</sub> PO<sub>4</sub>, 140 mM NaCl, 8.0 mM Na<sub>2</sub> PO<sub>4</sub> (pH 7.4)) containing 1 % bovine serum albumin (BSA) and 0.05 % sodium azide (NaN<sub>3</sub>).

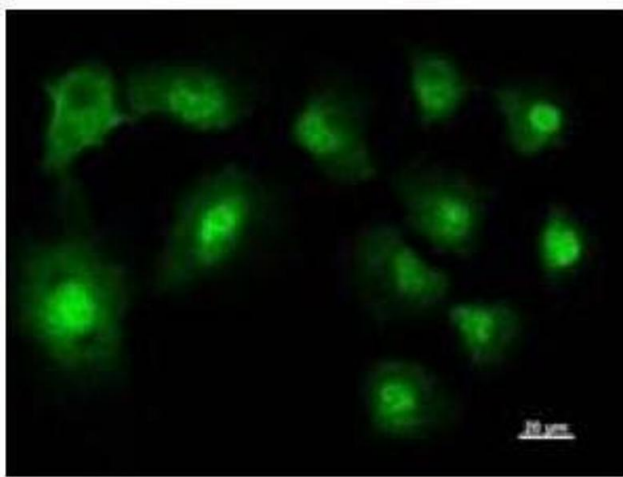
Preservative: Sodium azide

Precaution of Use: This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles.  
Dilute only prior to immediate use.

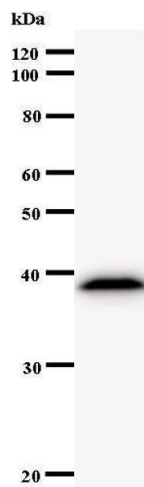
Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for up to one year. We recommend long term storage at -20 °C.



### Immunofluorescence

**Image 1.** Immunostaining analysis in HT1080 cells. HT1080 cells were fixed with 4% paraformaldehyde and permeabilized with 0.01% Triton-X100 in PBS. The cells were immunostained with anti-NARS antibody.



### Western Blotting

**Image 2.**