

Mouse anti-Human NARS Monoclonal Antibody | anti-NARS antibody

Mouse monoclonal antibody Anti-Human NARS

CATALOG # AAA36328	HOST Mouse	REACTIVITY Human
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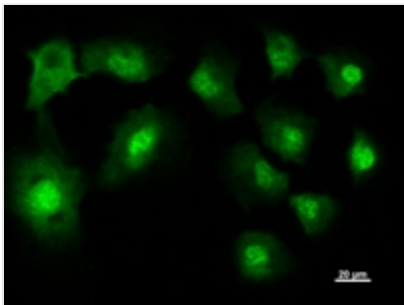
PRODUCT SYNONYMS

NARS; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human NARS; asparaginyl-tRNA synthetase; ASNRS; anti-NARS antibody

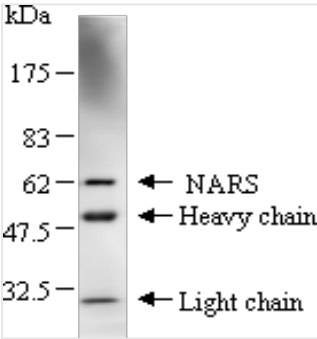
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	NARS2G5
Form/Format	Mouse monoclonal anti-human NARS antibody in PBS(3.0 mM KCl, 1.5 mM KH ₂ HPO ₄ ,140 mM NaCl,8.0 mM Na ₂ HPO ₄ (pH 7.4) containing 1% bovine serum albumin (BSA) and 0.05% sodium azide (NaN ₃).
Sequence Length	2741
Preparation	This antibody was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum.
Immunogen	Recombinant
Sterility	Filtered through a 0.22 um membrane.
Disposal	This antibody solution contains sodium azide (NaN ₃) as a preservative. There is a poteintial hazard that NaN ₃ reacts with coppler or lead to produce and explosive compound. For safe disposal, the vial has to be washed thoroughly with water.
Safety Warnings and precautions	Caution must be taken to avoid contact with skin or eyes . In such a case, rinse thoughly at once with water. Do not ingest, inhale , or swallow. Seek medical attention immediately. Wear appropriate protective clothing such as laboratory overalls, safety glass and gloves. It is strongly advised that this product should be handled by people who have bee well trained in laboratory techniques and that it is handled with care pursuant to the principles of good laboratory practice . All chemicals are deemed potentially harmful. The vial is prone to fall over. Use caution, especially when the lid is off.
Preparation and Storage	Store at 2-8°C for up to one year. We recommend storing at -20°C for long term storage. Avoid repeat freezing and thawing cycles.

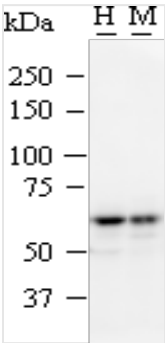
IMAGES



ICC (Immunocytochemistry)
Immunostaining analysis in HT1080 cells. HT1080 cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100 in PBS. The cells were immunostained with anti-NARS mAb. [Lot No. NARS2G5-1]



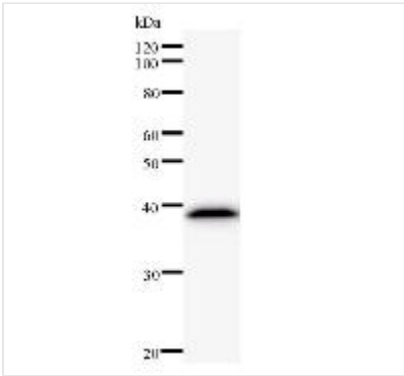
IP (Immunoprecipitation)
Immunoprecipitation: RIPA lysate of HT1080 cells was incubated with anti-NARS mAb. [Lot No. NARS2G5-1] Predicted molecular weight: 62 kDa



WB (Western Blot)
Detection of NARS by Western blot. Samples: Whole cell lysate from human HT1080 (H, 25 ug) and mouse NIH3T3 (M, 25 ug) cells. [Lot No. NARS2G5-3] Predicted molecular weight: 62 kDa



Quality Control #2
Arrow indicates the region of immunized recombinant protein carrying 50-200 amino acids.



Quality Control
Western blot analysis of immunized recombinant protein, using anti-NARS monoclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-NARS antibody	Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate amino acids. Asparaginyl-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 asparaginyl-tRNA synthetases. [NCBI Entrez Gene Summary]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	12804548
NCBI GeneID	4677

NCBI Official Full Name	Homo sapiens asparaginyl-tRNA synthetase, mRNA
NCBI Official Synonym Full Names	asparaginyl-tRNA synthetase
NCBI Official Symbol	NARS
NCBI Official Synonym Symbols	ASNRS; NARS1
NCBI Protein Information	asparagine--tRNA ligase, cytoplasmic; asparagine tRNA ligase 1, cytoplasmic; asparaginyl-tRNA synthetase, cytoplasmic
UniProt Protein Name	Asparagine--tRNA ligase, cytoplasmic
UniProt Gene Name	NARS
UniProt Entry Name	SYNC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/nars-antibody-clone-nars2g5-elisa/36328>