

Mouse anti-Human CLNS1A Monoclonal Antibody | anti-CLNS1A antibody

Mouse monoclonal antibody Anti-Human CLNS1A

CATALOG # AAA36432	HOST Mouse	REACTIVITY Human	APPLICATIONS Western Blot, Immunocytochemistry, Dot Blot
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PRODUCT SYNONYMS

CLNS1A; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human CLNS1A; Homo sapiens chloride channel; nucleotide-sensitive; 1A (CLNS1A); CLCI; ICln; CLNS1B; anti-CLNS1A antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2187C2a
Concentration	100 ug/ml (1.0 ml) (varies by lot)
Sequence Length	1378
Applicable Applications for anti-CLNS1A antibody	WB (Western Blot), ICC (Immunocytochemistry), DB (Dot Blot)
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.
Sterility	Filtered through a 0.22 um membrane.

IMAGES



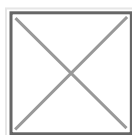
ICC (Immunocytochemistry)

Immunostaining analysis in HeLa cells. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100 in PBS. The cells were immunostained with anti-CLNS1A mAb. [Lot No. 2187C2a-1]



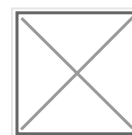
WB (Western Blot)

Detection of CLNS1A by Western blot. Samples: Whole cell lysate from human HEK293 (H, 25 ug), mouse NIH3T3 (M, 25 ug) and rat F2408 (R, 25 ug) cells. [Lot No. 2187C2a-1] Predicted molecular weight: 26 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-CLNS1A monoclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CLNS1A antibody	The interaction with Sm proteins inhibits their assembly on U RNA and interferes with snRNP biogenesis. Inhibits the binding of survival motor neuron protein (SMN) to Sm proteins. May participate in cellular volume control by activation of a swelling-induced chloride conductance pathway. [UniProtKB Function]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	222418789
NCBI GeneID	1207
NCBI Accession #	NP_001284.1
NCBI GenBank Nucleotide #	NM_001293
Molecular Weight	26,215 Da
NCBI Official Full Name	Homo sapiens chloride channel, nucleotide-sensitive, 1A (CLNS1A), mRNA
NCBI Official Synonym Full Names	chloride channel, nucleotide-sensitive, 1A
NCBI Official Symbol	CLNS1A
NCBI Official Synonym Symbols	CLCI; ICln; CLNS1B
NCBI Protein Information	methylosome subunit pICln; chloride channel regulatory protein; chloride channel, nucleotide sensitive 1A; chloride conductance regulatory protein ICln; chloride ion current inducer protein; i(Cln); reticulocyte pICln; reticulocyte protein ICln
UniProt Protein Name	Methylosome subunit pICln
UniProt Gene Name	CLNS1A
UniProt Entry Name	ICLN_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://stage.aaabiotech.com/monoclonal/clns1a-antibody-clone-2187c2a-western-blot-immunocytochemistry-dot-blot-elisa/36432>