

Mouse anti-Human MATR3 Monoclonal Antibody | anti-MATR3 antibody

Mouse monoclonal antibody Anti-Human MATR3

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA36421	Mouse	Human	Immunocytochemistry, Western Blot

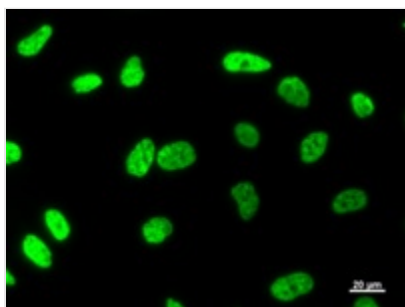
PRODUCT SYNONYMS

MATR3; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human MATR3; Homo sapiens matrin 3 (MATR3); transcript variant 1; MGC9105; KIAA0723; DKFZp686K0542; DKFZp686K23100; anti-MATR3 antibody

PRODUCT SPECIFICATIONS

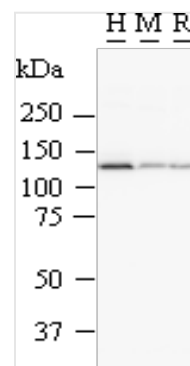
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2539C3a
Form/Format	PBS (3.0 mM KCl, 1.5 mM KH ₂ PO ₄ , 140 mM NaCl, 8.0 mM Na ₂ HPO ₄ (pH 7.4)) containing 1% bovine serum albumin (BSA) and 0.05% sodium azide (NaN ₃).
Concentration	100 ug/ml (varies by lot)
Applicable Applications for anti-MATR3 antibody	ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Recombinant
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.
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 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-MATR3 mAb. [Lot No. 2539C3a-1]



WB (Western Blot)

Detection of MATR3 by Western blot. Samples: Whole cell lysate from human HT-1080 (H, 25 ug), mouse NIH3T3 (M, 25 ug) and rat F2408 (R, 25 ug) cells. [Lot No. 2539C3a-1] Predicted molecular weight: 94 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-MATR3 monoclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MATR3 antibody

The protein encoded by this gene is localized in the nuclear matrix. It may play a role in transcription or may interact with other nuclear matrix proteins to form the internal fibrogranular network. Two transcript variants encoding the same protein have been identified for this gene. [NCBI Entrez Gene Summary]

NCBI AND UNIPROT INFORMATION

NCBI GI #	303227922
NCBI GeneID	9782
NCBI Accession #	NP_954659.1
NCBI GenBank Nucleotide #	NM_199189
NCBI Official Full Name	Homo sapiens matrin 3 (MATR3), transcript variant 1, mRNA
NCBI Official Synonym Full Names	matrin 3
NCBI Official Symbol	MATR3
NCBI Official Synonym Symbols	MPD2; ALS21; VCPDM
NCBI Protein Information	matrin-3; vocal cord and pharyngeal weakness with distal myopathy
UniProt Protein Name	Matrin-3
UniProt Gene Name	MATR3
UniProt Entry Name	MATR3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/matr3-antibody-clone-2539c3a-immunocytochemistry-western-blot-elisa/36421>