Mouse anti-Human Geminin Monoclonal Antibody | anti-GMNN antibody

Geminin (GMNN, GEM, Geminin DNA Replication Inhibitor, DNA Replication Inhibitor, RP3-369A17.3) (Biotin)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA24815	**Mouse**	**Human**	**ELISA, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

Geminin; Monoclonal Antibody; Geminin (GMNN; GEM; Geminin DNA Replication Inhibitor; DNA Replication Inhibitor; RP3-369A17.3) (Biotin); anti-GMNN antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	1A8
Specificity	Recognizes human GMNN.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Applicable Applications for anti-GMNN antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa110-209 from human GMNN (AAH05185) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	LYEALKENEKLHKEIEQKDNEIARLKKENKELAEVAEHVQYMAELIERLNGEPLDNFESLDNQEFDSEEETVEDSLVEDSEIGTCAEGTVSSSTDAKPCI
Conjugate	Biotin
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES

WB (Western Blot)
Western Blot detection against Immunogen (37kD).

Application Data
Detection limit for recombinant GST tagged GMNN is ~0.03ng/ml as a capture antibody.

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to GMNN on HeLa cell. [antibody concentration 10ug/ml].

IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to GMNN on formalin-fixed paraffin-embedded human placenta. [antibody concentration 1ug/ml].

IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to GMNN on formalin-fixed paraffin-embedded human lymph node. [antibody concentration 3ug/ml].

WB (Western Blot)
Western Blot analysis of GMNN expression in transfected 293T cell line by GMNN monoclonal antibody. Lane 1: GMNN transfected lysate (23.6kD). Lane 2: Non-transfected lysate.

ADDITIONAL INFORMATION

Product Categories/Family for anti-GMNN antibody	Antibodies; DNA Replication; Repair

NCBI AND UNIPROT INFORMATION

NCBI GI #	13528764
NCBI GeneID	51053
Molecular Weight	23,565 Da
NCBI Official Full Name	Homo sapiens geminin, DNA replication inhibitor, mRNA
NCBI Official Synonym Full Names	geminin, DNA replication inhibitor
NCBI Official Symbol	GMNN
NCBI Official Synonym Symbols	Gem; MGORS6
NCBI Protein Information	geminin

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/geminin-antibody-clone-1a8-immunofluorescence-immunohistochemistry-western-blot-elisa/24815