

Mouse anti-Human Insulinoma Associated 2/INSM2 Monoclonal Antibody | anti-INSM2 antibody

Insulinoma Associated 2/INSM2 Mouse Monoclonal Antibody [Clone INSM2/4291]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA216009	Mouse	Human	Immunohistochemistry

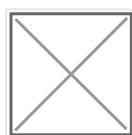
PRODUCT SYNONYMS

Insulinoma Associated 2/INSM2; Monoclonal Antibody; Insulinoma Associated 2/INSM2 Mouse Monoclonal Antibody [Clone INSM2/4291]; IA1; Insulinoma associated protein 2 (IA2); Zinc finger protein IA6; anti-INSM2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG1, kappa
Clone Number	INSM2/4291
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-INSM2 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant fragment of human INSM2 protein (around aa 432-540) (exact sequence is proprietary)
Cellular Localization	Nuclear
Positive Control	Human pancreas tissue.
Hu-chromosome Location	14q13.2
Unigene	62813
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human pancreas stained with INSM2 Mouse Monoclonal Antibody (INSM2/4291).

ADDITIONAL INFORMATION

Related Product Information for anti-INSM2 antibody	IA-6, also known as insulinoma-associated 2 or INSM2, is related to IA-1 (INSM1), a zinc-finger factor that is expressed in the developing nervous system. While the exact function of IA-6 is not known, other related insulinoma-associated proteins such as IA-2 are major autoantigens in type 1 diabetes. The homology exhibited by IA-6 to IA-1 has led to speculation that IA-6 may also play a role in the regulation of gene transcription. INSM2 may function as a growth suppressor or tumor suppressor in liver cells and in certain neurons.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	120659844
NCBI GeneID	84684
UniProt Accession #	Q96T92; Q8N8K7; Q96Q84; A1L432; J9Y024
Molecular Weight	59,491 Da
NCBI Official Full Name	Insulinoma-associated 2
NCBI Official Synonym Full Names	insulinoma-associated 2
NCBI Official Symbol	INSM2
NCBI Official Synonym Symbols	IA6; IA-6; mlt1
NCBI Protein Information	insulinoma-associated protein 2; zinc finger protein IA-6; insulinoma-associated protein IA-6
UniProt Protein Name	Insulinoma-associated protein 2
UniProt Gene Name	INSM2
UniProt Synonym Gene Names	IA6
UniProt Entry Name	INSM2_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.