

Rabbit anti-Human INSM1 Monoclonal Antibody | anti-INSM1 antibody

INSM1 (Pan-Neuroendocrine Marker) Recombinant Rabbit Monoclonal Antibody [Clone INSM1/6286R]

CATALOG # AAA215749	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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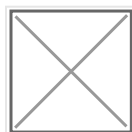
PRODUCT SYNONYMS

INSM1; Monoclonal Antibody; INSM1 (Pan-Neuroendocrine Marker) Recombinant Rabbit Monoclonal Antibody [Clone INSM1/6286R]; INSM1 (Pan-Neuroendocrine Marker); IA1; Insulinoma associated protein 1 (IA1); Zinc finger protein IA1; anti-INSM1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit/IgG
Clone Number	INSM1/6286R
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-INSM1 antibody	IHC (Immunohistochemistry)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant fragment (around aa81-125) corresponding to the N-terminus of human INSM1
Cellular Localization	Nuclear
Positive Control	Human pancreas or neuroendocrine tumor.
Hu-chromosome Location	20p11.23
Unigene	89584
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 neuroendocrine tumor stained with INSM-1 Recombinant Rabbit Monoclonal Antibody (INSM1/6286R).

ADDITIONAL INFORMATION

Related Product Information for anti-INSM1 antibody	Insulinoma-associated protein 1 (INSM1) is a developmentally regulated zinc-finger transcription factor. It localizes to the nucleus and is expressed in embryonic issues undergoing neuroendocrine differentiation. INSM1 is not expressed in normal adult tissues but can be found highly expressed in neuroendocrine tumors. INSM1 is positive in 95% of lung small cell carcinoma and 91% of lung large cell neuroendocrine carcinoma, compared with 75% and 78% with the combined panel of traditional neuroendocrine markers (synaptophysin, chromogranin, and CD56). INSM1 stains 100% of the atypical carcinoids, typical carcinoids and paragangliomas, but only 3% of adenocarcinomas and 4% of squamous cell carcinomas. Therefore, INSM1 is sensitive and specific to be a single first-line pan-neuroendocrine marker.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504713
NCBI GeneID	3642
NCBI Accession #	NP_002187
NCBI GenBank Nucleotide #	NM_002196.2
UniProt Accession #	Q01101
Molecular Weight	52,923 Da
NCBI Official Full Name	insulinoma-associated protein 1
NCBI Official Synonym Full Names	insulinoma-associated 1
NCBI Official Symbol	INSM1
NCBI Official Synonym Symbols	IA1; IA-1
NCBI Protein Information	insulinoma-associated protein 1; zinc finger protein IA-1
UniProt Protein Name	Insulinoma-associated protein 1
UniProt Gene Name	INSM1
UniProt Synonym Gene Names	IA1
UniProt Entry Name	INSM1_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/in-sm1-antibody-clone-in-sm1-6286r-immunohistochemistry-elisa/215749>