

[Go to Product page](#)

Datasheet for ABIN7126595

Recombinant anti-INSM1 antibody (AA 81-125)

Overview

Quantity:	100 µg
Target:	INSM1
Binding Specificity:	AA 81-125
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This INSM1 antibody is un-conjugated
Application:	Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Immunogen:	Recombinant fragment (around aa81-125) corresponding to the N-terminus of human INSM1
Isotype:	IgG
Specificity:	<p>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.</p>

Product Details

Therefore, INSM1 is sensitive and specific to be a single first-line pan-neuroendocrine marker.

Cross-Reactivity (Details): Human.

Purification: 1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target: INSM1

Alternative Name: INSM1 ([INSM1 Products](#))

Background: IA1, Insulinoma associated protein 1 (IA1), Zinc finger protein IA1, INSM1 (Pan-Neuroendocrine Marker)
Cellular localisation: Nuclear

Molecular Weight: 58kDa

Gene ID: 3642, 89584

UniProt: [Q01101](#)

Application Details

Application Notes: Known_Application: Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95 °C followed by cooling at RT for 20 minutes),Optimal dilution for a specific application should be determined.
Positive_Control: Human pancreas or neuroendocrine tumor.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: Prepared in 10 mM PBS, WITHOUT BSA and Azide.

Preservative: Azide free

Storage: -20 °C,-80 °C

Storage Comment: Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.

Expiry Date: 24 months