

INSM1 (ZR395)

Rabbit Monoclonal Antibody

Host: Rabbit
Specificity: Human
Immunogen: Recombinant fragment (around aa1-300) corresponding to the N-terminus of human INSM1
Ig Class: IgG
Storage: Store at 2-8°C for up to 2 years for concentrate form and 18 months for predilute form.

Specifications: INSM1 (ZR395) Rabbit Monoclonal primary antibody detects INSM1 protein in formalin-fixed, paraffin-embedded samples by immunohistochemical (IHC) staining.

Staining procedures: Use formalin-fixed and paraffin-embedded sections. Retrieval conditions: Pretreatment of deparaffinized samples via heat-induced epitope retrieval is recommended. Detection method: Polymer anti-mouse/rabbit Ig detection system. Working dilution: 1:50-100. Positive Control: sample known to contain INSM1 protein.

Localization: Nucleus.

Intended Use: Research Use Only (RUO). This antibody is not for diagnostic use.

Description: Insulinoma-associated protein 1 (INSM1) is a developmentally regulated zinc-finger transcription factor. It localizes to the nucleus and is expressed in embryonic tissues 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 other neuroendocrine markers such as synaptophysin, chromogranin, or CD56. INSM1 assumed to stain 100% of atypical carcinoids, typical carcinoids, and paragangliomas, but only 3% of adenocarcinomas and 4% of squamous cell carcinomas.

Supplied As: Purified antibody in Tris-HCl pH 7.4 buffer containing stabilizing proteins (including < 1% Bovine Serum Albumin) and < 0.1% ProClin by volume.

References:

1. Rosenbaum JN, et al. Am J Clin Pathol. 2015; 144(4):579-91
2. Rooper LM, et al. Am J Surg Pathol. 2017; 41:1561-1569.
3. Rooper LM, et al. Am J Surg Pathol. 2018; 42:665-671.



Z2751RL-R/ Z2751RS-R/ Z2751RT-R/ Z2751RP-R (1.0ml Concentrate/ 0.5ml Con./ 0.1ml Con./ 7ml Pre-dil)



605 E. Huntington Dr.,
Suite 204
Monrovia, CA 91016
Tel: (626) 355-2053
<http://www.zeta-corp.com>



(research
use only)



(lot number)



(catalogue
number)



(expiry date)



(temperature
limit)



(consult
Instructions
for Use)