

Product datasheet for **AM03170SU-N**

NAPSIN A (NAPSA) Mouse Monoclonal Antibody [Clone ID: KCG1.1]

Product data:

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| Product Type: | Primary Antibodies |
| Clone Name: | KCG1.1 |
| Applications: | IHC |
| Recommended Dilution: | Immunohistochemistry on formalin-fixed paraffin-embedded tissue sections and cryo sections. No further titration is required. We suggest an incubation period of 30 minutes at room temperature. However, depending upon the fixation conditions and the staining system employed, optimal incubation should be determined by the end user. Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining. Positive Control: Lung Adenocarcinoma. |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Synthetic peptide from N terminus of human Napsin A |
| Specificity: | This antibody detects Napsin A. TTF-1 and Napsin A were positive in 8/12 and 10/12 pulmonary adenocarcinomas, respectively. The specificity of this antibody for primary lung adenocarcinoma is 47 out of 58 (81%), primary lesions were positive. This antibody may be a useful tool as a tumor marker for primary lung adenocarcinoma. |
| Formulation: | State: Supernatant State: Liquid pretitered IgG |
| Conjugation: | Unconjugated |
| Storage: | Store at 2 - 8 °C. |
| Stability: | Shelf life: one year from despatch. |
| Gene Name: | napsin A aspartic peptidase |
| Database Link: | Entrez Gene 9476 Human O96009 |



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| Background: | Napsin A is associated with primary lung adenocarcinoma. Napsin A has a molecular weight of 35.0 kDa and an isoelectric point 5.29. Napsin A and TTF-1 reactivities were determined immunohistochemically on formalin-fixed paraffin embedded cell blocks from 50 pleural effusion (5 mesotheliomas, 10 mesothelial proliferations, 12 pulmonary, and 23 nonpulmonary metastases). |
| Synonyms: | NAPSA, NAP1, Napsin-1,Aspartyl protease 4, TA01/TA02 |
| Note: | Cellular Localization: Cytoplasmic. |