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Datasheet

NAPSA monoclonal antibody, clone NAPSA/1238 + NAPSA/1239

Catalog Number: MAB15063

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against partial recombinant human NAPSA.

Clone Name: NAPSA/1238 + NAPSA/1239

Immunogen: Recombinant protein corresponding to amino acids 189-299 of human NAPSA.

Host: Mouse

Theoretical MW (kDa): 37

Reactivity: Human

Applications: Flow Cyt, IF, IHC-P, WB-Ce
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Form: Liquid

Purification: Protein A purification

Isotype: IgG1, kappa

Recommend Usage: Flow Cytometry (0.5-1 ug/10^6 cells)
Immunofluorescence (1-2 ug/mL)
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL)
Western Blotting (1-2 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer: In 10 mM PBS.

Storage Instruction: Store at -20 to -80°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 9476

Gene Symbol: NAPSA

Gene Alias: KAP, Kdap, NAP1, NAPA, SNAPA

Gene Summary: The activation peptides of aspartic proteinases plays role as inhibitors of the active site. These peptide segments, or pro-parts, are deemed important for correct folding, targeting, and control of the activation of aspartic proteinase zymogens. The pronapsin A gene is expressed predominantly in lung and kidney. Its translation product is predicted to be a fully functional, glycosylated aspartic proteinase precursor containing an RGD motif and an additional 18 residues at its C-terminus. [provided by RefSeq]

References:

1. Napsin A expression in lung and kidney neoplasia: a review and update. Ordonez NG. Adv Anat Pathol. 2012 Jan;19(1):66-73. doi: 10.1097/PAP.0b013e31823e472e.
2. Combination of napsin A and TTF-1 immunohistochemistry helps in differentiating primary lung adenocarcinoma from metastatic carcinoma in the lung. Ye J, Findeis-Hosey JJ, Yang Q, McMahon LA, Yao JL, Li F, Xu H. Appl Immunohistochem Mol Morphol. 2011 Jul;19(4):313-7. doi: 10.1097/PAI.0b013e318205b059.
3. Napsin A and thyroid transcription factor-1 expression in carcinomas of the lung, breast, pancreas, colon, kidney, thyroid, and malignant mesothelioma. Bishop JA, Sharma R, Illei PB. Hum Pathol. 2010 Jan;41(1):20-5. doi: 10.1016/j.humpath.2009.06.014. Epub 2009 Sep 8.