

Datasheet

ATIC monoclonal antibody, clone F38P7H9

Catalog Number: MAB7973

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against synthetic peptide of ATIC.

Clone Name: F38P7H9

Immunogen: A synthetic peptide (conjugated with ovalbumin) corresponding to human ATIC.

Host: Mouse

Reactivity: Frog, Fruit fly, Human, Mouse, Rat

Applications: IHC-P, WB

(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

Isotype: IgG1

Recommend Usage: Immunohistochemistry

(Formalin/PFA-fixed paraffin-embedded sections) (15 ug/mL)

The optimal working dilution should be determined by the end user.

Storage Buffer: In phosphate-buffered solution, pH 7.2 (0.09% sodium azide)

Storage Instruction: Store at 4°C for three months. For long term storage store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 471

Gene Symbol: ATIC

Gene Alias: AICAR, AICARFT, FLJ93545, IMPCHASE, PURH

Gene Summary: This gene encodes a bifunctional protein that catalyzes the last two steps of the de novo purine biosynthetic pathway. The N-terminal domain has phosphoribosylaminoimidazolecarboxamide formyltransferase activity, and the C-terminal domain has IMP cyclohydrolase activity. A mutation in this gene results in AICA-ribosiduria. [provided by RefSeq]