

Napsin A (AB1493) mouse mAb

V0153

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse;

Applications

- Immunohistochemistry (IHC)

MW

- 45 kDa (calculated)
- kDa (observed)

Isotype

- IgG1, kappa

Recommended Dilution Ratios

Application

Immunohistochemistry (IHC)

Dilution

IHC, 1:200-1:400

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality Monoclonal

Clone Number AB1493

Immunogen A synthetic peptide corresponding to the amino acid region 100 - 200 of the human Napsin A protein.

Specificity The antibody can specifically recognize human Napsin A protein.

Purification Affinity purification Protein A

Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name NAPSA

Protein Name Napsin A

Database Link	Organism	Swiss Prot.	Gene ID
	Human	O96009	9476

Background Napsin A is a 45kDa molecular weight gastric enzyme like aspartate protease, belonging to peptidase A1 family. The protein is highly expressed in human lung and kidney, but low in spleen. Napsin A is expressed in lung type II epithelium and lung adenocarcinoma. It has high sensitivity and specificity in lung adenocarcinoma. It is often used in combination with TTF-1 to determine whether the tumor is of lung origin.