

Napsin A Monoclonal antibody

Catalog Number: 60259-1-Ig

1 Publications

Basic Information

Catalog Number:

60259-1-Ig

Size:

680 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG9721

GenBank Accession Number:

BC017842

GeneID (NCBI):

9476

UNIPROT ID:

O96009

Full Name:

napsin A aspartic peptidase

Calculated MW:

420 aa, 45 kDa

Observed MW:

45 kDa

Purification Method:

Protein A purification

CloneNo.:

2D12A2

Applications

Tested Applications:

ELISA

Cited Applications:

IHC

Species Specificity:

human, rat, mouse

Cited Species:

human

Background Information

Napsin is found in two isoforms, napsin A and B, with highly homologous nucleotide sequences (91.2%). Napsin A appears to be a functional proteinase, predominantly expressed in lung and kidney. Napsin B is transcribed exclusively in cells related to the immune system and lacks an in-frame stop codon and is believed to be a pseudogene.(PMID:12698189). Napsin A is superior to TTF-1 in distinguishing primary lung ACA from other carcinomas (except kidney), particularly primary lung small cell carcinoma, and primary thyroid carcinoma. (PMID:22288963).

Notable Publications

Author	Pubmed ID	Journal	Application
Jupeng Yuan	25945838	Oncotarget	IHC

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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