

For Research Use Only

Napsin A Monoclonal antibody

Catalog Number: 60259-1-Ig **1 Publications**



Basic Information

Catalog Number: 60259-1-Ig	GenBank Accession Number: BC017842	Purification Method: Protein A purification
Size: 150ul , Concentration: 680 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 9476	CloneNo.: 2D12A2
Source: Mouse	Full Name: napsin A aspartic peptidase	
Isotype: IgG1	Calculated MW: 420 aa, 45 kDa	
Immunogen Catalog Number: AG9721	Observed MW: 45 kDa	

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

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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Selected Validation Data