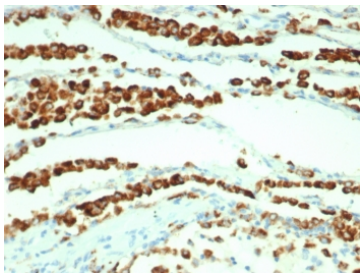
Recombinant NAPSA Antibody / Napsin A [clone rNAPSA/7239] (V4645)

Catalog No.	Formulation	Size
V4645-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4645-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4645SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

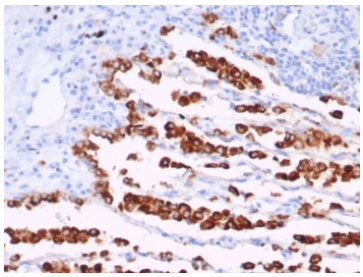
Recombinant MOUSE MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG1, kappa
Clone Name	rNAPSA/7239
Purity	Protein A affinity
UniProt	O96009
Localization	Cytoplasm
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This recombinant NAPSA antibody is available for research use only.



IHC staining of FFPE human lung adenocarcinoma tissue with recombinant NAPSA antibody antibody (clone rNAPSA/7239) at 2ug/ml. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



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Description

Napsin is a pepsin-like aspartic proteinase connected with maturation of surfactant protein B.There are two closely related napsins, napsin A and napsin B. Napsin A is expressed as a single chain protein. Immunohistochemical studies revealed high expression levels of napsin A in human lung and kidney but low expression in spleen. Napsin A is expressed in type II pneumocytes and in adenocarcinomas of lung. The high specificity expression of napsin A in adenocarcinomas of lung is useful to distinguish primary lung adenocarcinomas from adenocarcinomas of other organs.

Application Notes

Optimal dilution of the recombinant NAPSA antibody antibody should be determined by the researcher.

Immunogen

A recombinant partial protein sequence (within amino acids 50-150) from the human protein was used as the immunogen for the recombinant NAPSA antibody antibody.

Storage

Aliquot the recombinant NAPSA antibody antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com