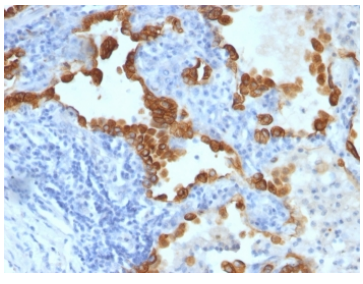
Cytokeratin 8/18 Antibody Cocktail [clone SPM192 + SPM265] (V8817)

Catalog No.	Formulation	Size
V8817-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V8817-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V8817SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	SPM192 + SPM265
Purity	Protein A/G affinity
UniProt	P05787; P05783
Localization	Cytoplasmic
Applications	Immunofluorescence: 1-2ug/ml Western blot: 1-2ug/ml Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This Cytokeratin 8/18 antibody is available for research use only.



IHC staining of FFPE human lung carcinoma tissue with Cytokeratin 8/18 antibody (clone SPM192 + SPM265). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

Description

Cytokeratin 8 (CK8) belongs to the type II (or B or basic) subfamily of high molecular weight cytokeratins and exists in combination with cytokeratin 18 (CK18). This MAb cocktail recognizes all simple epithelia including glandular epithelium, for example thyroid, female breast, gastrointestinal tract, respiratory tract, and urogenital tract including transitional epithelium. All adenocarcinomas and most squamous carcinomas are positive but keratinizing squamous carcinomas are usually negative. This antibody is useful in demonstrating the presence of Paget cells; there is very little keratin 18 in the normal epidermis so only Paget cells are stained.

Researchers studying the K8/K18 intermediate filament system can explore our Cytokeratin 8/18 Antibody page for additional reagents targeting these widely expressed epithelial keratins.

Application Notes

Optimal dilution of the Cytokeratin 8/18 antibody should be determined by the researcher.

1. Immunohistochemical staining with this MAb is indistinguishable from that obtained with monoclonal antibody 5D3.

Immunogen

Keratin preparation from a human carcinoma (SPM192); PMC-42 human breast carcinoma cells (SPM265) was used as the immunogen for the Cytokeratin 8/18 antibody.

Storage

Aliquot the Cytokeratin 8/18 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Copyright © NSJ Bioreagents. All rights reserved.