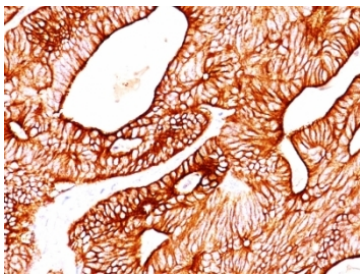
Cytokeratin 5/8 Antibody [clone SPM268] (V3060)

Catalog No.	Formulation	Size
V3060-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3060-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3060SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V3060IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

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	SPM268
Purity	Protein G affinity chromatography
UniProt	P13647, P05787
Localization	Cytoplasmic
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This Cytokeratin 5/8 antibody is available for research use only.



IHC: Formalin-fixed, paraffin-embedded human colon carcinoma stained with Cytokeratin 5/8 antibody (SPM268).

Description

It reacts with keratin 5 (58kDa) and keratin 8 (52.5kDa). Simple epithelia express cytokeratin 8 in combination with 18. On the other hand, basal cells of stratified epithelia express cytokeratin 5 paired with 14. This antibody therefore, reacts with a wide range of epithelia and their carcinomas.

Application Notes

Optimal dilution of the Cytokeratin 5/8 antibody should be determined by the researcher.

1. For staining of formalin-fixed tissues, digest sections with Trypsin at 1mg/ml PBS, 15 min at RT
2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Immunogen

A cytoskeletal preparation from HeLa cells was used as the immunogen for the Cytokeratin 5/8 antibody.

Storage

Store the Cytokeratin 5/8 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).