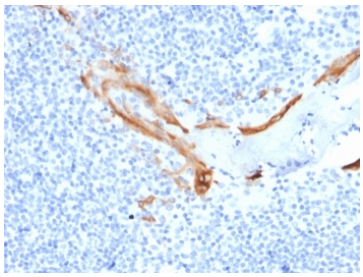
KRT16 Antibody / Cytokeratin 16 [clone SPM264] (V8928)

Catalog No.	Formulation	Size
V8928-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V8928-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V8928SAF-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
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	SPM264
Purity	Protein A/G affinity
UniProt	P08779
Localization	Cytoplasmic
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This KRT16 antibody is available for research use only.



IHC staining of FFPE human tonsil tissue with KRT16 antibody (clone SPM264). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

Description

Cytokeratins are a family of intermediate filament proteins that assemble into filaments through forming heterodimers of one type I Cytokeratins (Cytokeratins 9 to 23) and one type II Cytokeratins (keratins 1 to 8). The cytokeratin proteins play a critical role in differentiation, as well as tissue specialization and function, to maintain the overall structural integrity of epithelial cells. Cytokeratins are also useful markers in identifying the origin of metastatic tumors. Cytokeratin 16 is

expressed in benign stratified squamous epithelium and squamous cell carcinoma of the head and neck, as well as luminal cells of mammary gland and sweat ducts. It is absent in non-invasive breast carcinomas and normal breast tissue.

Application Notes

Optimal dilution of the KRT16 antibody should be determined by the researcher.

Immunogen

A recombinant protein fragment from the C-terminal region was used as the immunogen for the KRT16 antibody.

Storage

Aliquot the KRT16 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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