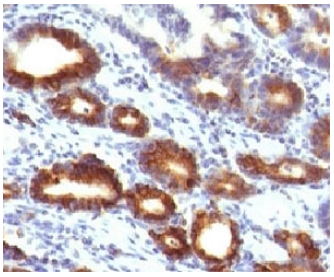
Mucin-6 Antibody [clone MUCN6-1] (V7132)

Catalog No.	Formulation	Size
V7132-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7132-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7132SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V7132IHC-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	MUCN6-1
Purity	Protein G affinity chromatography
UniProt	Q6W4X9
Localization	Cytoplasmic & secreted
Applications	Immunohistochemistry (FFPE): 2-4ug/ml for 30 min at RT Prediluted IHC only format: incubate for 30 min at RT (1)
Limitations	This Mucin-6 antibody is available for research use only.



IHC testing of FFPE human gastric carcinoma with Mucin-6 antibody (clone MUCN6-1). FFPE testing requires sections to be boiled in pH 9 10mM Tris with 1mM EDTA for 10-20 minutes, followed by cooling at RT for 20 minutes, prior to staining.

Description

Mucin 6 may provide a mechanism for modulation of the composition of the protective mucus layer related to acid secretion or the presence of bacteria and noxious agents in the lumen. Plays an important role in the cytoprotection of epithelial surfaces and are used as tumor markers in a variety of cancers. May play a role in epithelial organogenesis. Highest expression seen in the stomach and gall bladder, with lower expression in the terminal ileum and right colon. [UniProt]

Application Notes

Titering of the Mucin-6 antibody may be required for optimal performance.

1. 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

Recombinant human protein was used as the immunogen for the Mucin-6 antibody.

Storage

Store the Mucin-6 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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