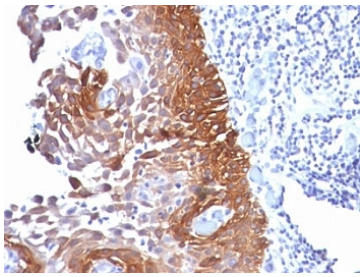
Cytokeratin 18 Antibody Cocktail [clone Clone Cocktail] (V2676)

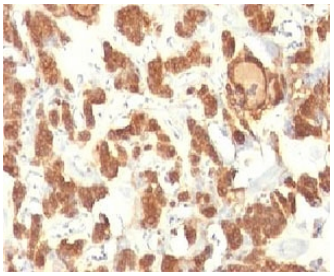
Catalog No.	Formulation	Size
V2676-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2676-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2676SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V2676IHC-7ML	Prediluted 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

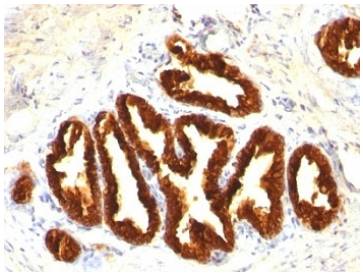
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	Clone Cocktail
Purity	Protein G affinity chromatography
UniProt	P05783
Localization	Cytoplasmic
Applications	Flow Cytometry: 1-2ug/million cells in 0.1ml Western blot: 1-2ug/ml Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT (1) Prediluted IHC only format: incubate for 30 min at RT (2)
Limitations	This Cytokeratin 18 antibody cocktail is available for research use only.



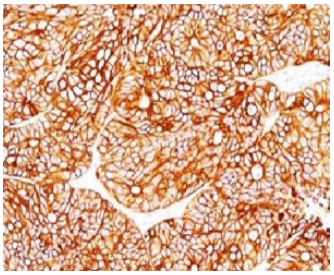
IHC: Formalin-fixed, paraffin-embedded human cervical carcinoma stained with Cytokeratin 18 Antibody Cocktail.



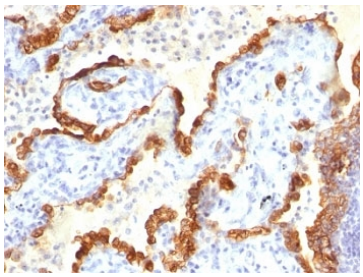
IHC: Formalin-fixed, paraffin-embedded human thyroid carcinoma stained with Cytokeratin 18 antibody.



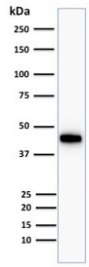
IHC: Formalin-fixed, paraffin-embedded human prostate carcinoma stained with Cytokeratin 18 Antibody Cocktail.



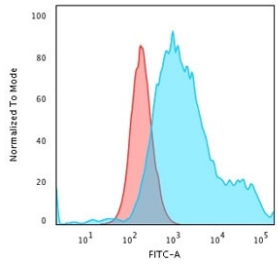
IHC: Formalin-fixed, paraffin-embedded human colon carcinoma stained with Cytokeratin 18 antibody.



IHC: Formalin-fixed, paraffin-embedded human lung carcinoma stained with Cytokeratin 18 antibody.



Western blot testing of human HCT116 cells with Cytokeratin 18 antibody cocktail. Predicted molecular weight ~45 kDa.



Flow cytometry staining of PFA-fixed human HeLa cells with Cytokeratin 18 antibody cocktail; Red=isotype control, Blue= Cytokeratin 18 antibody.

Description

Cytokeratin 18 Antibody Cocktail with a wide variety of simple epithelia. It does not react with stratified squamous epithelia. It reacts with epithelial tumors of the gastrointestinal tract, lung, breast, pancreas, ovary, and thyroid. Cytokeratin 18, which belongs to the type A (acidic) subfamily of low molecular weight keratins, exists in combination with cytokeratin 8. It is reported that tissues from gastrointestinal tract are positive for both cytokeratin 8 and 18 but do not contain cytokeratin 14. Tissues from gastrointestinal tract, respiratory tract and urogenital tract, as well as endocrine and exocrine tissues and mesothelial cells are positive for cytokeratin 18.

Explore our Cytokeratin 18 Antibody KRT18/835 for additional research into KRT18 expression, epithelial differentiation, and cytoskeletal organization in normal tissues and carcinomas.

Application Notes

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

1. Staining of formalin-fixed tissues requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min
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

Recombinant full-length human KRT18 protein was used as the immunogen for the Cytokeratin 18 antibody cocktail.

Storage

Store the Cytokeratin 18 antibody cocktail at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Copyright © NSJ Bioreagents. All rights reserved.