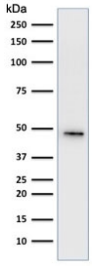
Cytokeratin 19 Antibody Cocktail A53-B/A2.26 + BA17 / Mouse Monoclonal Antibodies [clone A53-B/A2.26 + BA17] (V3132)

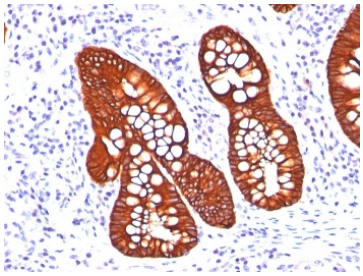
Catalog No.	Formulation	Size
V3132-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3132-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3132SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V3132IHC-7ML	Prediluted 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 + IgG2a, lambda
Clone Name	A53-B/A2.26 + BA17
Purity	Protein G affinity chromatography
UniProt	P08727
Localization	Cytoplasmic
Applications	Western blot: 1-2ug/ml Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Limitations	This Cytokeratin 19 Antibody Cocktail A53-B/A2.26 + BA17 is available for research use only.



Western blot testing of human HepG2 cell lysate using Cytokeratin 19 antibody cocktail (clone A53-B/A2.26 + BA17). Predicted molecular weight ~43 kDa.



IHC: Formalin-fixed, paraffin-embedded human colon carcinoma stained with Cytokeratin 19 antibody (A53-B/A2.26 + BA17).

Description

Cytokeratin 19 Antibody Cocktail A53-B/A2.26 + BA17 reacts with the rod domain of human cytokeratin-19 (CK19), a polypeptide of 40kDa. CK19 is expressed in sweat gland, mammary gland ductal and secretory cells, bile ducts, gastrointestinal tract, bladder urothelium, oral epithelia, esophagus, and ectocervical epithelium. Anti-CK19 reacts with a wide variety of epithelial malignancies including adenocarcinomas of the colon, stomach, pancreas, biliary tract, liver, and breast. Perhaps the most useful application is the identification of thyroid carcinoma of the papillary type, although 50%-60% of follicular carcinomas are also labeled. Anti-CK19 is a useful marker for detection of tumor cells in lymph nodes, peripheral blood, bone marrow and breast cancer.

For additional KRT19 detection options, see our anchor Cytokeratin 19 Antibody KRT19/799 | CK19 | V2678.

Application Notes

The optimal dilution of the Cytokeratin 19 Antibody Cocktail A53-B/A2.26 + BA17 for each application 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 minutes.
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

MCF-7 cells (A53-B/A2) and human mammary epithelial organoids (BA17) were used as the immunogen for this Cytokeratin 19 antibody cocktail.

Storage

Store the Cytokeratin 19 antibody cocktail at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Copyright © NSJ Bioreagents. All rights reserved.