

## Anti-KRT19 Antibody

Catalog Number: M02101-5

### About KRT19

Involved in the organization of myofibers. Together with KRT8, helps to link the contractile apparatus to dystrophin at the costameres of striated muscle.

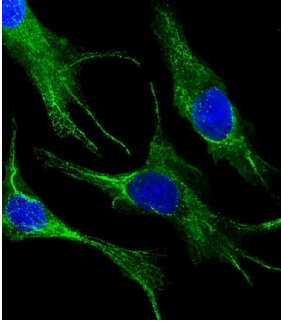
### Overview

Product Name	Anti-KRT19 Antibody
Reactive Species	Human
Description	Boster Bio Anti-KRT19 Antibody (Catalog # M02101-5). Tested in IHC-P, IF, WB application(s). This antibody reacts with Human.
Application	IF, IHC-P, WB
Clonality	Monoclonal 979CT14.3.1
Formulation	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Mouse
Uniprot ID	P08727

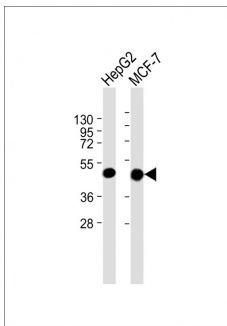
### Technical Details

Immunogen	This antibody is generated from a mouse immunized with a recombinant protein of human.
Predicted Reactive Species	Bovine
Isotype	IgG1,k
Purification	This antibody is purified through a protein G column, followed by dialysis against PBS.
Suggested Dilutions	IF: 1:25 WB: 1:8000 IHC: 1:400 IHC-P: 1:25

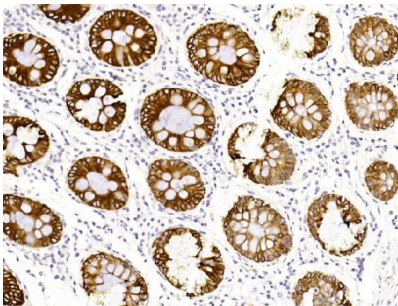
## Anti-KRT19 Antibody (M02101-5) Images



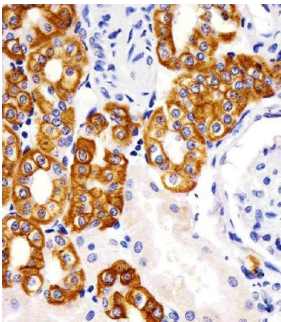
Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized HepG2 (human liver hepatocellular carcinoma cell line) cells labeling KRT19 with M02101-5 at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-mouse IgG secondary antibody at 1/200 dilution (green). Immunofluorescence image showing intermediate filaments staining on HepG2 cell line. The nuclear counter stain is DAPI (blue).



All lanes : Anti-KRT19 at 1:8000 dilution  
Lane 1: HepG2 whole cell lysate  
Lane 2: MCF-7 whole cell lysate  
Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 44 kDa  
Blocking/Dilution buffer: 5% NFD/MTBST.



Immunohistochemical analysis of paraffin-embedded Human Colon cancer section using Pink1. M02101-5 was diluted at 1:400 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.



M02101-5 staining KRT19 in human kidney sections by Immunohistochemistry (IHC-P -paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

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Anti-KRT19 Antibody

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