

## Anti-Cytokeratin 18 Antibody [KRT18/2819R] (A249206)

### Specifications:

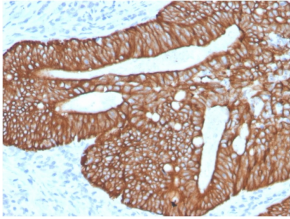
Name:	Anti-Cytokeratin 18 Antibody [KRT18/2819R]
Description:	Recombinant rabbit monoclonal [KRT18/2819R] antibody to Cytokeratin 18.
Specificity:	This antibody reacts with a wide variety of simple epithelia. It does not react with stratified squamous epithelia. It reacts with epithelial tumors of the 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 was 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.
Applications:	Flow Cytometry, WB, IF, IHC-P
Recommended Dilutions:	Flow Cytometry: 1-2 µg/million cells, WB: 1-2 µg/ml, IF: 1-2 µg/ml, IHC-P: 1-2 µg/ml
Reactivity:	Human, Mouse, Rat, Hamster, Ferret, Bovine, Porcine, Feline, Canine, Sheep, Goat, Horse, Marmoset Monkey
Cross Reactivity:	This antibody does not cross react with Chicken or Xenopus.
Immunogen:	Recombinant full-length human KRT18 protein.
Host:	Rabbit
Clonality:	Monoclonal
Clone ID:	KRT18/2819R
Isotype:	IgG
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-Cytokeratin 18 Antibody [KRT18/2819R] - BSA and Azide free (A252386).

# Anti-Cytokeratin 18 Antibody [KRT18/2819R] (A249206)

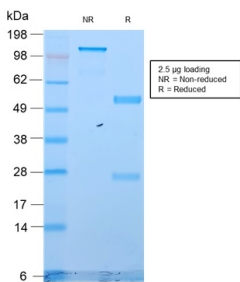
## Specifications continued:

**Disclaimer:** This product is for research use only. It is not intended for diagnostic or therapeutic use.

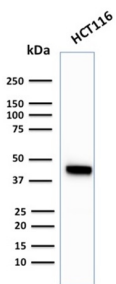
## Images:



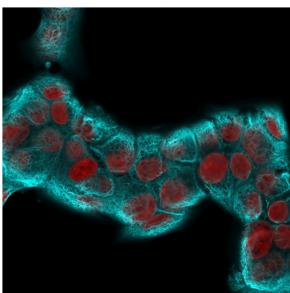
Immunohistochemical analysis of formalin-fixed, paraffin-embedded human colon carcinoma using Anti-Cytokeratin 18 Antibody [KRT18/2819R].



SDS-PAGE analysis of Anti-Cytokeratin 18 Antibody [KRT18/2819R] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.



Western blot analysis of HCT116 cell lysate using Anti-Cytokeratin 18 Antibody [KRT18/2819R].



Immunofluorescent analysis of MCF-7 cells stained with Anti-Cytokeratin 18 Antibody [KRT18/2819R] followed by Goat Anti-Rabbit IgG (CF® 488) (Cyan). Nuclei counterstained with RedDot (Red).