

## Anti-Cytokeratin 18 Antibody [SPM265] - BSA and Azide free (A252375)

### Specifications:

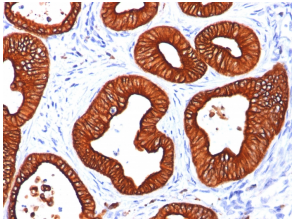
Name:	Anti-Cytokeratin 18 Antibody [SPM265] - BSA and Azide free
Description:	Mouse monoclonal [SPM265] antibody to Cytokeratin 18.
Specificity:	This antibody reacts with a wide variety of simple epithelia. It does not react with stratified squamous epithelia. It reacts with epithelial tumors of the 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 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.
Applications:	Flow Cytometry, IF, WB, IHC-P
Recommended Dilutions:	Flow Cytometry: 1-2 µg/million cells, IF: 1-2 µg/ml, WB: 1-2 µg/ml, IHC-P: 1-2 µg/ml
Reactivity:	Human
Cross Reactivity:	This antibody does not cross react with Mouse, Rat, Sheep, Hamster, Bovine, Canine, or Porcine.
Immunogen:	PMC-42 human breast carcinoma cells.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	SPM265
Isotype:	IgG1
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	1 mg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline; without Sodium Azide and carrier free.
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 with BSA and Sodium Azide - Anti-Cytokeratin 18 Antibody [SPM265] (A249195).

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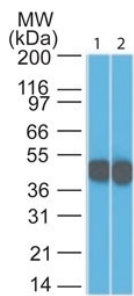
## Specifications continued:

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

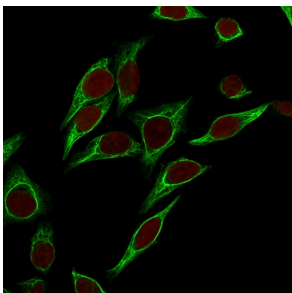
## Images:



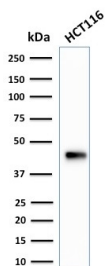
Immunohistochemical analysis of formalin-fixed, paraffin-embedded human skin using Anti-Cytokeratin 18 Antibody [SPM265].



Western blot analysis of (Lane 1) HeLa and (Lane 2) A431 cell lysates using Anti-Cytokeratin 18 Antibody [SPM265].



Immunofluorescent analysis of HeLa cells stained with Anti-Cytokeratin 18 Antibody [SPM265] (CF® 488) (Green). Nuclear counterstain is RedDot.



Western blot analysis of HCT116 cell lysate using Anti-Cytokeratin 18 Antibody [SPM265].