

Product datasheet for **AM50132PU-S**

Cytokeratin 18 (KRT18) Mouse Monoclonal Antibody [Clone ID: SPM265]

Product data:

Product Type:	Primary Antibodies
Clone Name:	SPM265
Applications:	FC, IF, IHC, WB
Recommended Dilution:	Flow Cytometry: 0.5-1 µg/million cells. Immunofluorescence: 1-2 µg/ml. Western Blotting: 0.5-1 µg/ml. Immunoprecipitation: 1-2 µg/500 µg protein lysate. Immunohistochemistry on Formalin-Fixed Paraffin Sections: 0.5-1.0 µg/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes. Positive Control: MCF-7, HeLa, A431 cells or Breast Cancer.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	PMC-42 human breast carcinoma cells.
Specificity:	This Monoclonal 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. Cellular Localization: Cytoplasmic. Negative Species: Mouse, Rat, Sheep, Hamster, Cow, Dog and Pig.



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Formulation: 10mM PBS
State: Purified
State: Liquid purified IgG fraction from Bioreactor Concentrate
Stabilizer: 0.05% BSA
Preservative: 0.05% Sodium Azide

Concentration: lot specific

Purification: Protein A/G Chromatography

Conjugation: Unconjugated

Storage: Store undiluted at 2-8°C.

Stability: Shelf life: one year from despatch.

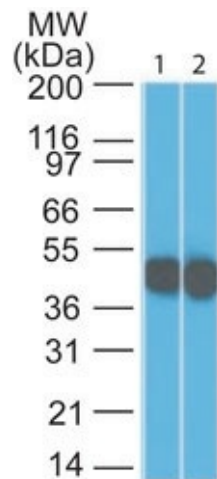
Predicted Protein Size: 45 kDa

Gene Name: keratin 18

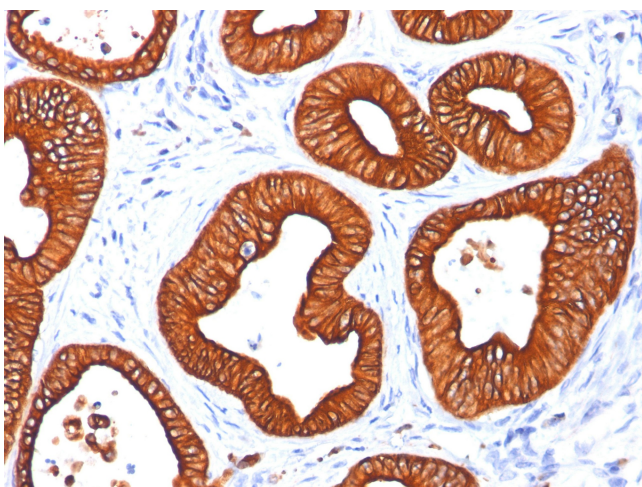
Database Link: [Entrez Gene 3875 Human P05783](#)

Synonyms: Cytokeratin-18, CK18, Keratin-18, Keratin 18, KRT18, CYK18, K18

Product images:



Western blot 1) HeLa and 2) A431 lysate using Cytokeratin 18 Antibody (Clone SPM265).



Formalin-paraffin skin sweat gland stained with Cytokeratin 18 Antibody (Clone SPM265). Note cytoplasmic staining of tumor cells.