

## Product datasheet for **AM50198PU-T**

### Cytokeratin 4+5+6+8+10+13+18 Mouse Monoclonal Antibody [Clone ID: SPM583]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	SPM583
Applications:	FC, IF, IHC, WB
Recommended Dilution:	<b>Flow Cytometry:</b> 0.5-1 µg/million cells. <b>Immunofluorescence:</b> 0.5-1 µg/ml. <b>Western Blotting:</b> 0.5-1 µg/ml. <b>Immunohistochemistry on Frozen and Formalin-Fixed Paraffin Sections:</b> 0.5-1 µ/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. <b>Positive Control:</b> A431 cells, Skin, Colon carcinoma.
Reactivity:	Bovine, Frog, Guinea Pig, Goat, Human, Marmoset, Mouse, Porcine, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Keratin-enriched preparation from cultured Human A431.
Specificity:	This Monoclonal Antibody recognizes Cytokeratin 4, 5, 6, 8, 10, 13, and 18. This is a broad-spectrum antibody which has been reported to differentiate epithelial tumors from non-epithelial tumors. Many studies have shown the usefulness of keratins as markers in cancer research and tumor diagnosis. <b>Cellular Localization:</b> Cytoplasmic.
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



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**Storage:** Store undiluted at 2-8°C.

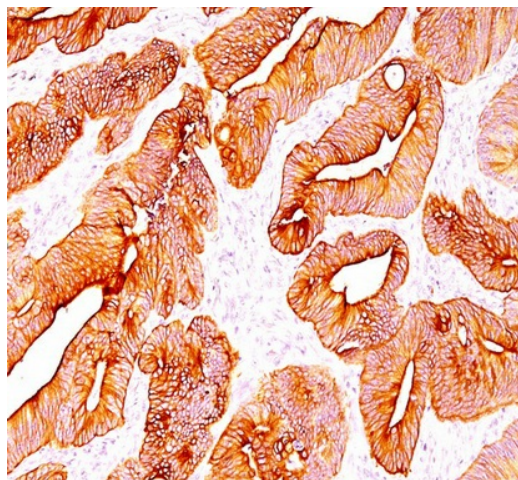
**Stability:** Shelf life: one year from despatch.

**Predicted Protein Size:** Multiple

**Background:** Cytokeratins are a subfamily of intermediate filaments and characterized by remarkable biochemical diversity. Cytokeratins are represented in epithelial tissues by at least 20 different polypeptides, molecular weight between 40 kDa and 68 kDa. The individual cytokeratin polypeptides are designated 1 to 20 and divided into the type I (acidic cytokeratins 9-20) and type II (basic to neutral cytokeratins 1-8) families.

**Synonyms:** Cytokeratin pan-reactive, pan Keratin

### Product images:



Formalin-Paraffin Colon (10X) stained with Multi Keratin Antibody Cat.-No AM50198PU (Clone SPM583).