

**36-11046: Monoclonal Antibody to Cytokeratin, Multi (Epithelial Marker)(Clone : SPM583)**

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	SPM583
<b>Application :</b>	FACS,IF,WB,IHC
<b>Reactivity :</b>	Human, Rat, Mouse
<b>Gene :</b>	KRT4
<b>Uniprot ID :</b>	P19013
<b>Format :</b>	Purified
<b>Alternative Name :</b>	KRT4,CYK4
<b>Isotype :</b>	Mouse IgG1, kappa
<b>Immunogen Information :</b>	KeRatin-enriched prepaRation from cultured human A431

**Description**

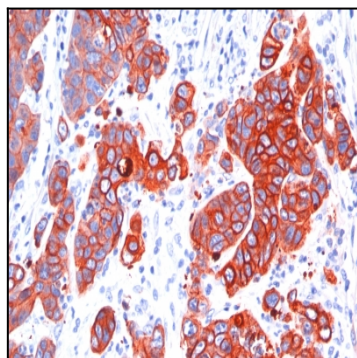
This MAb recognizes cytokeratin 4, 5, 6, 8, 10, 13, and 18. This is a broad-spectrum antibody which has been reported to differentiate epithelial tumors from non-epithelial tumors. Many studies have shown the usefulness of keratins as markers in cancer research and tumor diagnosis.

**Product Info**

<b>Amount :</b>	100 µg
<b>Purification :</b>	Affinity Chromatography
<b>Content :</b>	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

**Application Note**

Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-4ug/ml); Western Blot (1-2ug/ml); Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 min at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95&degC followed by cooling at RT for 20 minutes);



Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with Multi Cytokeratin Monoclonal Antibody (SPM583).