

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

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

Description

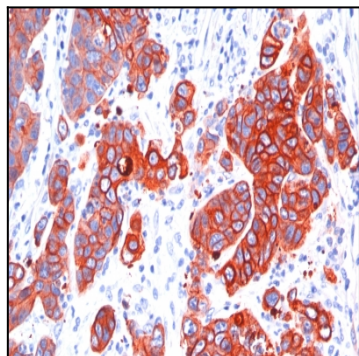
This MAb recognizes cytokeratin 4, 5, 6, 8, 10, 13, and 18. This is a broad-spectrum antibody which has been reported to differentiate epithelial tumors from non-epithelial tumors. Many studies have shown the usefulness of keratins as markers in cancer research and tumor diagnosis.

Product Info

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| Amount : | 100 µg |
| Purification : | Affinity Chromatography |
| Content : | 100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic. |
| Storage condition : | 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°C followed by cooling at RT for 20 minutes);



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