

## 36-3722: Anti-Cytokeratin, Multi (Epithelial Marker) Monoclonal Antibody(Clone: C11)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	C11
<b>Application :</b>	FACS, IF, WB, IHC
<b>Reactivity :</b>	Human, Rat, Mouse
<b>Gene :</b>	KRT4; KRT5; KRT6; KRT8; KRT10; KRT13; KRT18
<b>Gene ID :</b>	3851; 3852; 3853; 3856; 3858; 3860; 3875
<b>Uniprot ID :</b>	P19013; P13647; P02538 ; P05787; P13645; P13646; P05783
<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>	20 µg / 100 µg
<b>Content :</b>	200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
<b>Storage condition :</b>	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

### Application Note

Flow Cytometry (0.5-1.0 µg/million cells); Immunofluorescence (1-4 µg/ml); Western Blot (0.5-1.0 µg/ml); Immunohistochemistry (Formalin-fixed) (0.5-1.0 µg/ml for 30 min 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)Optimal dilution for a specific application should be determined.

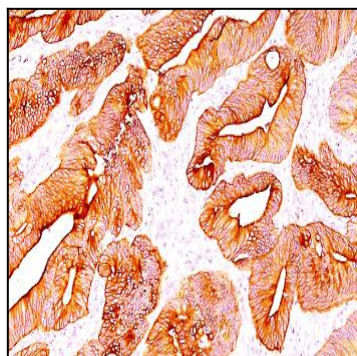


Fig. 1: Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with Multi Cytokeratin Mouse Monoclonal Antibody (C11).

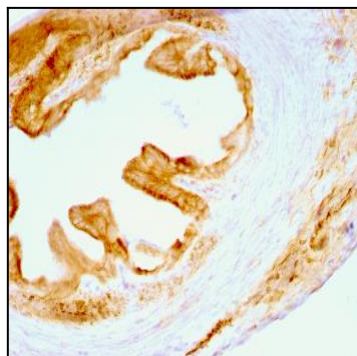


Fig. 2: Formalin-fixed, paraffin-embedded Rat Oviduct stained with Multi Cytokeratin Mouse Monoclonal Antibody (C11).

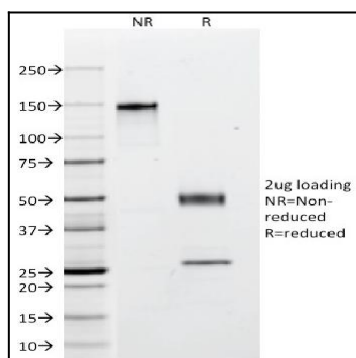


Fig. 3: SDS-PAGE Analysis Purified Multi Cytokeratin Mouse Monoclonal Antibody (C11).

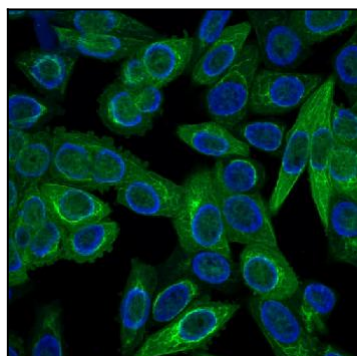


Fig. 4: Immunofluorescence Analysis of HeLa cells labeling Multi Cytokeratin with Multi Cytokeratin Mouse Monoclonal Antibody (C11) conjugated with CF640R(Green). The nuclear counterstain is DAPI (Blue)

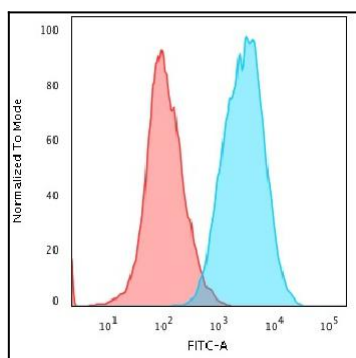


Fig. 5: Flow Cytometric Analysis of Human HeLa cells using Multi Cytokeratin Mouse Monoclonal Antibody (C11) followed by Goat anti-Mouse IgG-CF488 (Blue); Isotype control (Red).