

## 36-11115: Monoclonal Antibody to Cytokeratin, Acidic (Type I or LMW) (Epithelial Marker)(Clone : KRTL/1077)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	KRTL/1077
<b>Application :</b>	IHC
<b>Reactivity :</b>	Human, Rat
<b>Gene :</b>	KRT77
<b>Gene ID :</b>	374454
<b>Uniprot ID :</b>	Q7Z794
<b>Format :</b>	Purified
<b>Alternative Name :</b>	KRT77,KRT1B
<b>Isotype :</b>	Mouse IgG1, kappa
<b>Immunogen Information :</b>	Recombinant human KRT77 protein

### Description

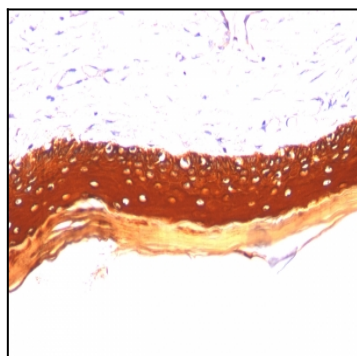
This MAb recognizes the 56.5kDa (CK10); 50kDa (CK14); 50kDa (CK15); 48kDa (CK16); 40kDa (CK19) keratins of the acidic (Type I or LMW) subfamily. Twenty human keratins are resolved with two-dimensional gel electrophoresis into acidic (pI 6.0) subfamilies. The acidic keratins have molecular weights (MW) of 56.5, 55, 51, 50, 50, 48, 46, 45, and 40kDa. Many studies have shown the usefulness of keratins as markers in cancer research and tumor diagnosis.

### Product Info

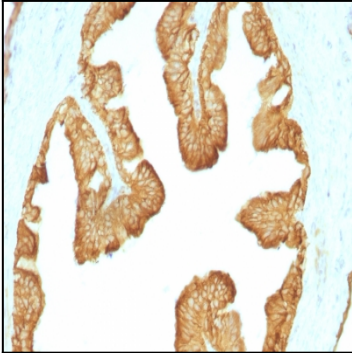
<b>Amount :</b>	100 µg
<b>Purification :</b>	Affinity Chromatography
<b>Content :</b>	100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid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

### Application Note

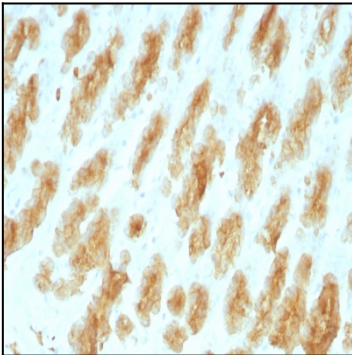
Immunohistochemistry (Formalin-fixed) (0.1-0.2µg/ml for 30 min at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes);



Formalin paraffin human Skin stained with Cytokeratin, LMW Monoclonal Antibody (KRTL/1077).



Formalin paraffin Rat Oviduct stained with Cytokeratin, HMW Monoclonal Antibody (KRTL/1077).



Formalin paraffin Rat Stomach with Cytokeratin, HMW Monoclonal Antibody (KRTL/1077).