

## 12-1057: Recombinant Rabbit Monoclonal Antibody to Cytokeratin, Acidic (Type I or LMW) (Epithelial Marker) (Clone : KRTL/1577R)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	KRTL/1577R
<b>Application :</b>	IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	KRT77
<b>Gene ID :</b>	374454
<b>Uniprot ID :</b>	Q7Z794
<b>Format :</b>	Purified
<b>Alternative Name :</b>	K1B, KRT1B, K77, CK-1B, Keratin 1B, Keratin-77, Cytokeratin-1B
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Recombinant human KRT77 protein fragment

### 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 <5.7) and basic (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>	20 µg / 100 µg
<b>Purification :</b>	Purified Ab with BSA and Azide at 200ug/ml
<b>Content :</b>	200ug/ml of Ab purified 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>	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) (1-2 µg/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);

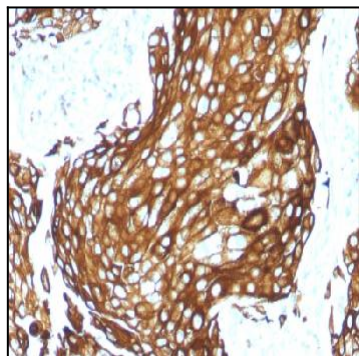


Figure 1: Formalin-fixed, paraffin-embedded human Lung Carcinoma stained with Cytokeratin, LMW Rabbit Recombinant Monoclonal Antibody (KRTL/1577R).

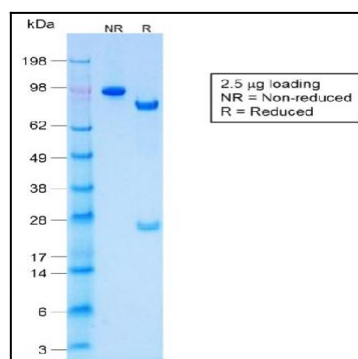


Figure 2: SDS-PAGE Analysis Purified Cytokeratin, LMW Rabbit Recombinant Monoclonal Antibody (KRTL/1577R).