

36-3802: Anti-Cytokeratin, Acidic (Type I or LMW) (Epithelial Marker) Monoclonal Antibody(Clone: KRTL/1577R)

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

Description

This MAbs 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

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| Amount : | 20 µg / 100 µg |
| Content : | 200 µg/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. |
| Storage condition : | 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

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);

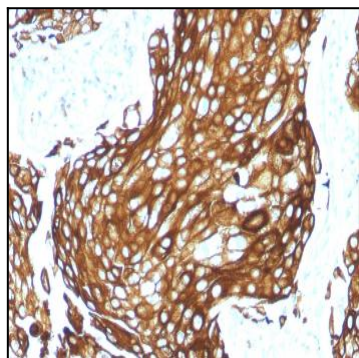


Fig. 1: Formalin-fixed, paraffin-embedded human Lung Carcinoma stained with CK LMW Rabbit Recombinant Monoclonal Antibody (KRTL/1577R).

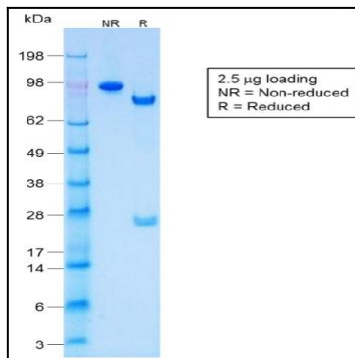


Fig. 2: SDS-PAGE Analysis Purified CK LMW Rabbit Recombinant Monoclonal Antibody (KRTL/1577R). Confirmation of Purity and Integrity of Antibody.