

Datasheet for ABIN6941453

**Recombinant anti-Keratin 77 antibody****2** Images[Go to Product page](#)

## Overview

|                |                                                    |
|----------------|----------------------------------------------------|
| Quantity:      | 100 µg                                             |
| Target:        | Keratin 77 (KRT77)                                 |
| Reactivity:    | Human                                              |
| Host:          | Rabbit                                             |
| Antibody Type: | Recombinant Antibody                               |
| Clonality:     | Monoclonal                                         |
| Conjugate:     | This Keratin 77 antibody is un-conjugated          |
| Application:   | Immunohistochemistry (IHC), Staining Methods (StM) |

## Product Details

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:                  | Recombinant human KRT77 protein fragment                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Clone:                      | KRTL-1577R                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Isotype:                    | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Specificity:                | This MAb recognizes the 56.5 kDa (CK10), 50 kDa (CK14), 50 kDa (CK15), 48 kDa (CK16), 40 kDa (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 40 kDa. Many studies have shown the usefulness of keratins as markers in cancer research and tumor diagnosis. |
| Cross-Reactivity (Details): | Expected to show broad species reactivity.                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Purification:               | Purified by Protein A/G                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

## Target Details

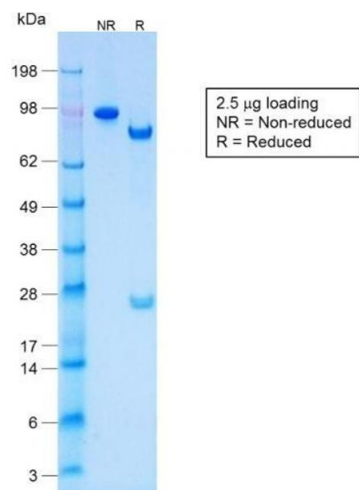
|                   |                                                                        |
|-------------------|------------------------------------------------------------------------|
| Target:           | Keratin 77 (KRT77)                                                     |
| Alternative Name: | KRT77 ( <a href="#">KRT77 Products</a> )                               |
| Molecular Weight: | 56.5kDa (CK10), 50kDa (CK14), 50kDa (CK15), 48kDa (CK16), 40kDa (CK19) |
| Gene ID:          | 374454                                                                 |
| UniProt:          | <a href="#">Q7Z794</a>                                                 |

## Application Details

|                    |                                                                                                                                                                                                                                                                                                                                                                               |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Positive Control: Skin, Squamous cell carcinoma (SCC).<br>Known Application: Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 min at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM 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. |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                                                                                                                         |

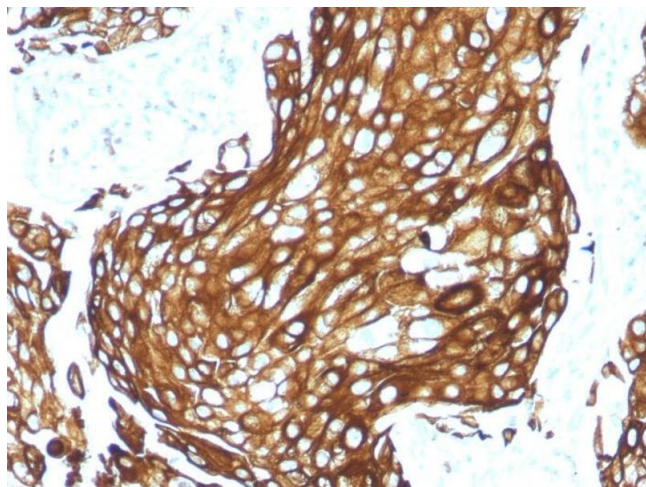
## Handling

|                    |                                                                                                                                                             |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Concentration:     | 200 µg/mL                                                                                                                                                   |
| Buffer:            | 10 mM PBS with 0.05 % BSA & 0.05 % azide.                                                                                                                   |
| Preservative:      | Sodium azide                                                                                                                                                |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                                      |
| Storage:           | 4 °C,-80 °C                                                                                                                                                 |
| Storage Comment:   | 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. No MSDS required. |
| Expiry Date:       | 24 months                                                                                                                                                   |



### SDS-PAGE

**Image 1.** SDS-PAGE Analysis Purified CK LMW Rabbit Recombinant Monoclonal Antibody (KRTL/1577R). Confirmation of Purity and Integrity of Antibody.



### Immunohistochemistry

**Image 2.** Formalin-fixed, paraffin-embedded human Lung Carcinoma stained with CK LMW Rabbit Recombinant Monoclonal Antibody (KRTL/1577R).