

## Datasheet for ABIN6297232 **anti-Keratin 77 antibody**

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### Overview

Quantity:	100 µg
Target:	Keratin 77 (KRT77)
Reactivity:	Human, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Keratin 77 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS)

### Product Details

Purpose:	Mouse anti-Human/Rat Acidic Cytokeratin Antibody [Sodium Azide Free]
Immunogen:	Recombinant human KRT77 protein was used as the immunogen for the Acidic Cytokeratin antibody.
Specificity:	Cytoplasmic
Purification:	Recombinant human KRT77 protein was used as the immunogen for the Acidic Cytokeratin antibody.

### Target Details

Target:	Keratin 77 (KRT77)
Alternative Name:	Keratin, type II cytoskeletal 1b ( <a href="#">KRT77 Products</a> )
Background:	Target Description: This mAb recognizes the 56.5 kDa (CK10), 50 kDa (CK14), 50 kDa (CK15),

## Target Details

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.

Gene Symbol: KRT77///KRT1B

Gene ID: 374454

UniProt: [Q7Z794](#)

## Application Details

Application Notes: Flow Cytometry: 0.5-1 µg/million cells in 0.1ml  
Immunofluorescence: 1-2 µg/mL  
Western blot: 0.5-1 µg/mL  
Immunohistochemistry (FFPE): 0.5-1 µg/mL for 30 min at RT (1)  
Prediluted format: incubate for 30 min at RT (2)

Restrictions: For Research Use only

## Handling

Buffer: In 1X PBS, BSA free, sodium azide free

Preservative: Azide free

Storage: 4 °C, -20 °C

Storage Comment: 2-8°C. The azide-free format should be aliquoted and stored at -20°C or colder.