

RecomAb™

KRT77 recombinant monoclonal antibody, clone KRTL/1577R

Catalog # RAB00378

Size 100 ug

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human KRT77.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human KRT77.
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/10 ⁶ cells) Immunofluorescence (1-2 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) Western Blotting (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS
Storage Instruction	Store at -20 to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunofluorescence

- Flow Cytometry

Gene Info — KRT77

Entrez GeneID [374454](#)

Protein Accession# [Q7Z794](#)

Gene Name KRT77

Gene Alias K1B, KRT1B, MGC148087

Gene Description keratin 77

Omim ID [611158](#)

Gene Ontology [Hyperlink](#)

Gene Summary Keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into epithelial keratins and hair keratins. This gene encodes an epithelial keratin that is expressed in the skin and eccrine sweat glands. The type II keratins are clustered in a region of chromosome 12q13

Other Designations keratin 1B

Publication Reference

- [Immunolocalization of keratin polypeptides in human epidermis using monoclonal antibodies.](#)
J Woodcock-Mitchell, R Eichner, W G Nelson, T T Sun.
The Journal of Cell Biology 1982 Nov; 95(2 Pt 1):580.
- [Correlation of specific keratins with different types of epithelial differentiation: monoclonal antibody studies.](#)
S C Tseng, M J Jarvinen, W G Nelson, J W Huang, J Woodcock-Mitchell, T T Sun.
Cell 1982 Sep; 30(2):361.