

Anti-Cytokeratin, pan Antibody
Rabbit Polyclonal Antibody
Catalog # AH13696**Specification**

Anti-Cytokeratin, pan Antibody - Product Information

| | |
|-------------------|--|
| Application | ,1,14,3,4, |
| Primary Accession | Q7Z794 |
| Other Accession | 334989 (KRT77) , 654392 (KRT76) , 51350 (KRT76) , Q01546 (KRT76) |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | Rabbit / IgG, kappa |
| Calculated MW | 61901 |

Anti-Cytokeratin, pan Antibody - Additional Information**Gene ID** 374454**Other Names**

K1B; KRT1B; Keratin, type II cytoskeletal 1b; K77; CK-1B; Keratin 1B; Keratin-77; Cytokeratin-1B; Type-II Keratin Kb39

Format

200ug/ml of Ab purified by Protein A. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage

Store at 2 to 8°C. Antibody is stable for 24 months.

Precautions

Anti-Cytokeratin, pan Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-Cytokeratin, pan Antibody - Protein Information**Name** KRT77**Synonyms** KRT1B**Tissue Location**

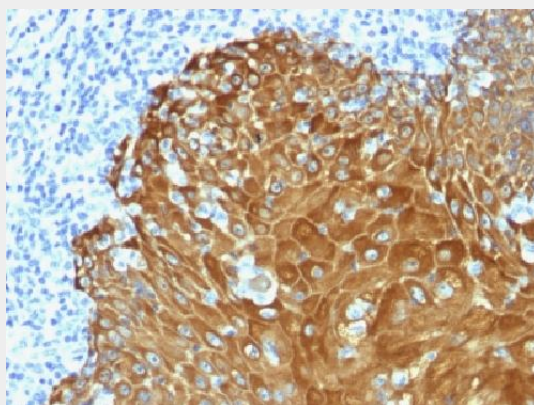
Expressed exclusively in skin.

Anti-Cytokeratin, pan Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Cytokeratin, pan Antibody - Images



Formalin-fixed, paraffin-embedded human Skin stained with Pan-Cytokeratin Rabbit Polyclonal Antibody.

Anti-Cytokeratin, pan Antibody - Background

Twenty human keratins are resolved with two-dimensional gel electrophoresis into acidic (pI 6.0) subfamilies. This antibody cocktail recognizes acidic (Type I or LMW) and basic (Type II or HMW) cytokeratins, which 67kDa (CK1); 64kDa (CK3); 59kDa (CK4); 58kDa (CK5); 56kDa (CK6); 52kDa (CK8); 56.5kDa (CK10); 50kDa (CK14); 50kDa (CK15); 48kDa (CK16); 40kDa (CK19). Many studies have shown the usefulness of keratins as markers in cancer research and tumor diagnosis. It is a broad spectrum anti pan-cytokeratin antibody, which differentiates epithelial tumors from non-epithelial tumors e.g. squamous vs. adenocarcinoma of the lung, liver carcinoma, breast cancer, and esophageal cancer. It may be useful to characterize the source of various neoplasms and to study the distribution of cytokeratin containing cells in epithelia during normal development and during the development of epithelial neoplasms. This antibody stains cytokeratins present in normal and abnormal human tissues and has high sensitivity in the recognition of epithelial cells and carcinomas.