

Cytokeratin, pan (Epithelial Marker) Antibody - With BSA and Azide

Mouse Monoclonal Antibody [Clone PAN-CK (Cocktail)] Catalog # AH12926

Specification

Cytokeratin, pan (Epithelial Marker) Antibody - With BSA and Azide - Product Information

Application ,1,2,3,4,
Primary Accession Q7Z794

Other Accession 374454 (KRT77), 51350 (KRT76), 334989

(KRT77), 654392 (KRT76), Q01546 (KRT76)
Reactivity Human, Mouse, Rat, Rabbit, Monkey,

Chicken, Bovine, Dog

Host Mouse Clonality Monoclonal

Isotype Mouse / IgG's, kappa
Calculated MW 40-67kDa (Multiple) KDa

Cytokeratin, pan (Epithelial Marker) Antibody - With BSA and Azide - Additional Information

Gene ID 374454

Other Names

Keratin, type II cytoskeletal 1b, Cytokeratin-1B, CK-1B, Keratin-77, K77, Type-II keratin Kb39, KRT77, KRT1B

Storage

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

Precautions

Cytokeratin, pan (Epithelial Marker) Antibody - With BSA and Azide is for research use only and not for use in diagnostic or therapeutic procedures.

Cytokeratin, pan (Epithelial Marker) Antibody - With BSA and Azide - Protein Information

Name KRT77

Synonyms KRT1B

Tissue Location

Expressed exclusively in skin.

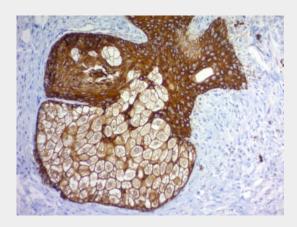
Cytokeratin, pan (Epithelial Marker) Antibody - With BSA and Azide - Protocols



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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Cytokeratin, pan (Epithelial Marker) Antibody - With BSA and Azide - Images



Formalin-fixed, paraffin-embedded human Skin stained with Cytokeratin, pan Monoclonal Antibody cocktail (PAN-CK).

Cytokeratin, pan (Epithelial Marker) Antibody - With BSA and Azide - Background

Twenty human keratins are resolved with two-dimensional gel electrophoresis into acidic (pl 6.0) subfamilies. This antibody cocktail recognizes acidic (Type I or LMW) and basic (Type II or HMW) cytokeratins, with 67kDa (CK1); 64kDa (CK3); 59kDa (CK4); 58kDa (CK5); 56kDa (CK6); 55kDa (CK7); 52kDa (CK8); 56.5kDa (CK10); 53kDa (CK13); 50kDa (CK14); 50kDa (CK15); 48kDa (CK16); 46kDa (CK17); 45kDa (CK18) and 40kDa (CK19). Many studies have shown the usefulness of keratins as markers in cancer research and tumor diagnosis. KRT-PAN is a broad spectrum anti pan-cytokeratin antibody cocktail, which differentiates epithelial tumors from non-epithelial tumors e.g. squamous vs. adenocarcinoma of the lung, liver carcinoma, breast cancer, and esophageal cancer. It is useful in characterizing 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 shows high sensitivity in the recognition of epithelial cells and carcinomas.

Cytokeratin, pan (Epithelial Marker) Antibody - With BSA and Azide - References

Woodock-Mitchell J et. al. Journal of Cell Biology 1982;95:580-8. | Tseng SCG et. al. Cell 1982; 30361