10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Cytokeratin, pan (Epithelial Marker) Antibody - Purified Ab conjugated to PE
Mouse Monoclonal Antibody [Clone SPM115 + SPM116]
Catalog # AH10957

Specification

Cytokeratin, pan (Epithelial Marker) Antibody - Purified Ab conjugated to PE - Product Information

Application	**,1,14,3,4,**
Primary Accession	Q7Z794
Other Accession	374454 (KRT77), 51350 (KRT76), 334989 (KRT77), 654392 (KRT76), Q01546
Reactivity	**Human, Mouse, Rat, Rabbit, Monkey, Chicken, Cow, Dog**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**Mouse / IgG's**
Calculated MW	**67kDa (CK1); 64kDa (CK3); 59kDa (CK4); 58kDa (CK5); 56kDa (CK6); 52kDa (CK8); 56.5kDa (CK10); 50kDa (CK14); 50kDa (CK15); 48kDa (CK16); 40kDa (CK19) KDa**

Cytokeratin, pan (Epithelial Marker) Antibody - Purified Ab conjugated to PE - 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

Format
Antibody purified from Bioreactor Concentrate by Protein A/G and conjugated to various reporter molecules. Prepared in 10mM PBS with 0.05% BSA and 0.05% azide. Contact us if you require this Ab in a different format.

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

Precautions
Cytokeratin, pan (Epithelial Marker) Antibody - Purified Ab conjugated to PE is for research use only and not for use in diagnostic or therapeutic procedures.

Cytokeratin, pan (Epithelial Marker) Antibody - Purified Ab conjugated to PE - Protein Information

Name KRT77

Synonyms KRT1B

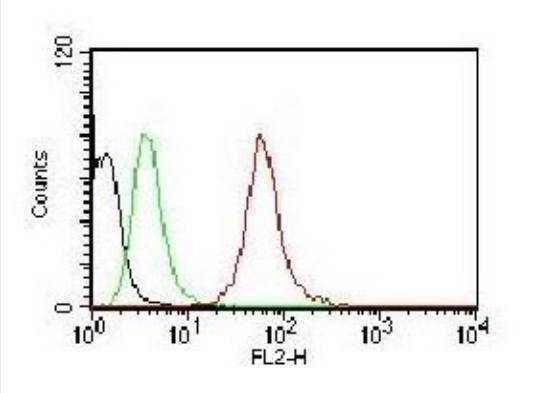
Tissue Location
Expressed exclusively in skin.

Cytokeratin, pan (Epithelial Marker) Antibody - Purified Ab conjugated to PE - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Cytokeratin, pan (Epithelial Marker) Antibody - Purified Ab conjugated to PE - Images



Flow Cytometry of human Pan-Cytokeratins on HeLa Cells. Black: Cells alone; Green: Isotype Control; Red: PE-labeled Pan-Cytokeratin Monoclonal Antibody (SPM115 + SPM116).

Cytokeratin, pan (Epithelial Marker) Antibody - Purified Ab conjugated to PE - 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 include CK1, CK3, CK4, CK5, CK6, CK8, CK10, CK14, CK15, CK16, and CK19. Many studies have shown the usefulness of keratins as markers in cancer research and tumor diagnosis. This MAb 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 has been used 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 shown high sensitivity in the recognition of epithelial cells and carcinomas.

Cytokeratin, pan (Epithelial Marker) Antibody - Purified Ab conjugated to PE - References

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