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Cytokeratin, pan (Epithelial Marker) Mouse Monoclonal Antibody [Clone AE-1/AE-3]

Purified Mouse Monoclonal Antibody
Catalog # AH10374

Product Information

Application	IF, FC
Primary Accession	Q7Z794
Other Accession	Q01546
Reactivity	Human, Mouse, Rat, Rabbit, Monkey, Chicken, Dog, Bovine
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1, kappa + IgG1, kappa
Clone Names	AE-1/AE-3
Calculated MW	61901

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
Target/Specificity	Human epidermal keratin
Application Note	Flow Cytometry (0.5-1ug/million cells); Immunofluorescence (1-2ug/ml for 30 min at RT) (Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.
Format	0.5ml at 100ug/ml with BSA and azide
Storage	Store at 2 to 8°C.Antibody is stable for 24 months.
Precautions	Cytokeratin, pan (Epithelial Marker) Mouse Monoclonal Antibody [Clone AE-1/AE-3] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	KRT77 (HGNC:20411)
Synonyms	KRT1B
Function	Structural component of intermediate filaments in epithelial cells of stratified epithelia. Assembles into heteropolymers with a type I keratin,

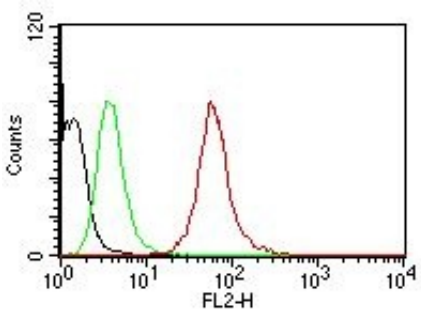
forming keratin intermediate filament networks contributing to epithelial integrity.

Tissue Location Expressed in skin..

References

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

Images



Flow Cytometric analysis of human Pan-Cytokeratins on HeLa Cells. Black: Cells alone; Green: Isotype Control; Red: PE-labeled Pan-Cytokeratin MAb (AE-1/AE-3).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.