

Mouse Anti-Cytokeratin from Hair Cortex, AE13

Product reference no:	IQ292
Quantity:	0.1 ml
Clone no:	AE13
Host/Isotype:	Mouse Ig
Immunogen:	Human hair keratins
Myeloma/fusion partners:	P3X63Ag. 8.653 myeloma cells
Specificity:	Acidic 44-46 kDa hair cortex keratins. Reacts with human & mouse
Purification:	Protein G purified
Format:	Purified antibody in PBS (PH 7.2) + 0.1% sodium azide
Applications:	Works well for immunoblotting, and for immunohistochemical staining of paraffin sections
Dilutions:	Optimal antibody dilution should be determined by titration, however as guideline try at 1:1000-1:3000 for western blot
Technical notes:	AE13 is an excellent marker for hair and nail differentiation
References:	<p>Lynch, M. H., O'Guin, W. M., Hardy, C., Mak, L., and Sun, T.-T. (1986). Acidic and basic hair/nail ("hard") keratins: their colocalization in upper cortical and cuticle cells of the human hair follicle and their relationship to "soft" keratins. <i>Journal of Cell Biology</i> 103, 2593-2606.</p> <p>Dhouailly, D., Xu, C., Manabe, M., Schermer, A., and Sun, T.-T. (1989). Expression of hair-related keratins in a soft epithelium: subpopulations of human and mouse dorsal tongue keratinocytes express keratin markers for hair-skin- and esophageal-types of differentiation. <i>Experimental Cell Research</i> 181, 141-158.</p>
Storage:	Store at +4°C for one month, or in small aliquots at -20°C for longer periods. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody
Health & Safety:	Products that contain sodium azide (a poisonous and hazardous substance) should be handled by trained staff only.