

Mouse Anti-Cytokeratin K13, AE8

Product reference no:	IQ291
Quantity:	0.1ml
Clone no:	AE8
Host/Isotype:	Mouse Ig
Immunogen:	Rabbit esophageal keratins
Myeloma/fusion partners:	P3 x 63 Ag8 myeloma cells
Specificity:	Human Keratin K13 (~51K)
Purification:	Protein G purified
Format:	Purified antibody in PBS + 0.1% sodium azide
Applications:	Works well for immunoblotting and for immunohistochemical staining of paraffin sections, on human, mouse and rabbit material
Dilutions:	Optimal antibody dilution should be determined by titration, however as guideline try at 1:1000-1:3000 for western blot
Technical notes:	AE8 stains K13 which is a marker for oesophageal type differentiation marker, which is expressed by various internal stratified epithelia
References:	<p>Cooper, D., Schermer, A., and Sun, T.-T. (1985). Classification of human epithelia and their neoplasms using monoclonal antibodies to keratins: strategies, applications, and limitations. [Review]. <i>Laboratory Investigation</i> 52, 243-256.</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> <p>Pang, Y. Y., Schermer, A., Yu, J., and Sun, T.-T. (1993). Suprabasal change and subsequent formation of disulfide-stabilized homo- and hetero-dimers of keratins during esophageal epithelial differentiation. <i>Journal of Cell Science</i> 104, 727-740.</p>

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- 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.