

## Mouse Anti-Cytokeratin K10-1, AE20

---

<b>Product reference no:</b>	IQ293
<b>Quantity:</b>	0.1 ml
<b>Clone no:</b>	AE20
<b>Host/Isotype:</b>	Mouse Ig
<b>Immunogen:</b>	Human epidermal keratins
<b>Myeloma/fusion partners:</b>	P3 x 63 Ag8 myeloma cells
<b>Specificity:</b>	Human keratin K10-1 (56.5 Kda)
<b>Purification:</b>	Protein G purified
<b>Format:</b>	Purified antibody in PBS + 0.1% sodium azide
<b>Applications:</b>	Works well for immunoblotting, and for immunohistochemical staining of paraffin sections
<b>Dilutions:</b>	Optimal antibody dilution should be determined by titration, however as guideline try at 1:1000-1:3000 for western blot
<b>Technical notes:</b>	
<b>References:</b>	<p>Tseng, S. C., Jarvinen, M. J., Nelson, W. G., Huang, J. W., Woodcock, M. J., and Sun, T.-T. (1982). Correlation of specific keratins with different types of epithelial differentiation: monoclonal antibody studies. <i>Cell</i> 30, 361-372.</p> <p>Woodcock-Mitchell, J., Eichner, R., Nelson, W. G., and Sun, T.-T. (1982). Immunolocalization of keratin polypeptides in human epidermis using monoclonal antibodies. <i>Journal of Cell Biology</i> 95, 580-588.</p> <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>Loomis, C. A., Kolega, J., Manabe, M., and Sun, T.-T. (1992). Characterization of a keratinocyte-specific extracellular epitope of desmoglein. Implications for desmoglein heterogeneity and function. <i>Journal of Biological Chemistry</i> 267, 16676-16684.</p>

## Mouse Anti-Cytokeratin K10-1, AE20

---

- 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.