

**MOUSE ANTI-KERATIN K3/K76
MONOCLONAL ANTIBODY**

CATALOG NUMBER:	CBL218	QUANTITY:	100 µg
LOT NUMBER:	xxxxxxx	CONCENTRATION:	1 mg/mL
CLONE NAME:	AE5	HOST/ISOTYPE:	Ms IgG1
SPECIFICITY:	The antibody reacts with the 64 kDa polypeptide (cytokeratin 3; Keratin K3) of corneal epithelium and keratin K76 (cytokeratin K2p) of palate epithelium. As such this represents an excellent marker for studying corneal epithelial-type differentiation. Also recognizes bovine snout and lip epithelium, as well as a rabbit corneal cell line.		
APPLICATIONS:	Immunohistochemistry on frozen sections: 1:50. Immunohistochemistry on Paraffin-embedded sections: 1:50 on paraffin-embedded tissue sections fixed in 10% neutral buffered formalin or Fekete's acid-alcohol-formalin following trypsin digestion antigen retrieval (Mikaelian <i>et al.</i> , 2004). Western Blotting: 1:500. <i>Optimal working dilutions must be determined by the end user.</i>		
SPECIES REACTIVITY:	Reacts with Human, Bovine, Rabbit and Mouse. Reactivity with other species has not been determined.		
IMMUNOGEN:	Rabbit corneal epithelial keratin.		
PRESENTATION:	The monoclonal was purified by ion exchange chromatography is presented in phosphate buffered saline (pH 7.2) containing 0.09% sodium azide.		
STORAGE/HANDLING:	For use within 1 month of purchase store at 2°-8°C. For long term storage, aliquot antibody into small volumes and store at -20°C for up to one year.		
REFERENCES:	Mikaelian, I. <i>et al.</i> (2004). Antibodies That Label Paraffin-Embedded Mouse Tissues: A Collaborative Endeavor. <i>Toxicologic Pathology</i> 32 :181-191. Wang, D. <i>et al.</i> (2003). Propagation and phenotypic preservation of rabbit limbal epithelial cells on amniotic membrane. <i>Invest Ophthalmol Vis Sci</i> 44 :4698-4704. Schermmer, A. <i>et al.</i> (1986). <i>J. Cell Biol.</i> 103 :49-62. Cooper, D. <i>et al.</i> (1985). <i>Lab. Invest.</i> 52 :243-56. Moll, R. <i>et al.</i> (1982). The catalog of human cytokeratins: patterns of expression in normal epithelia, tumors and cultured cells. <i>Cell</i> 31 :11-24. Sun, T-T and Green, H. (1978). Immunofluorescent staining of keratin fibers in cultured cells. <i>Cell</i> 14 :469-476.		

Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

For research use only; not for use as a diagnostic.

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