CK16 Mouse mAb

Cat No: HR1AM2167

For research use only

Overview

Product Name	CK16 Mouse mAb
Source	Mouse
Applications	IHC
Species Reactivity	Human,Rat,Mouse
Recommended Dilutions	IHC 1:200
Immunogen	
Species	Mouse
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20°C. Avoid repeated freeze-thaw cycles.
Isotype	IgG1
Clonality	Monoclonal
Concentration	1mg/ml
Observed band	51kDakDa
GeneID?Human?	3868
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	Cytokeratin 16, K16, K1CP, keratin 16, KRT16, KRT16A, NEPPK
Background	Keratin 16 is expressed in keratinocytes, which are undergoing rapid turnover in the suprabasal region (also known as hyperproliferation-related keratins). Keratin 16 is absent in normal breast tissue and in noninvasive breast carcinomas. Only 10% of the invasive breast carcinomas show diffuse or focal positivity. Reportedly, a relatively high concordance was found between the carcinomas immunostaining with the basal cell and the hyperproliferation-related keratins, but not between these markers and the proliferation marker Ki-67. This supports the conclusion that basal cells in breast cancer may show extensive proliferation, and that absence of Ki-67 staining does not mean that (tumor) cells are not proliferating.