

Cytokeratin 18 Mouse mAb

Cat No: HR1AM2206

For research use only

Overview

Product Name	Cytokeratin 18 Mouse mAb
Source	Mouse
Applications	WB, IHC, IF
Species Reactivity	Human,Rat,Mouse
Recommended Dilutions	WB 1:1,000-3,000 IF 1:100-200 IHC 1:200-500
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	46kDa
GeneID?Human?	3875
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	Cell proliferation inducing gene 46 protein, CK 18, CYK 18, K 18, Keratin 18, Ketatin D, KRT18
Background	Keratin 18 is a type I cytokeratin. It is, together with its filament partner keratin 8, perhaps the most commonly found products of the intermediate filament gene family. They are expressed in single layer epithelial tissues of the body. Mutations in this gene have been linked to cryptogenic cirrhosis. Two transcript variants encoding the same protein have been found for this gene. Keratin 18 is often used together with keratin 8 and keratin 19 to differentiate cells of epithelial origin from hematopoietic cells in tests that enumerate circulating tumor cells in blood.