

Mouse Monoclonal Antibody to Cytokeratin 18

Catalogue Number	sAP-0227
Target Molecule	Name: Cytokeratin 18 Aliases: CK18; CYK18; KRT18 MW: 48kDa Entrez Gene ID: 3875
Description	Cytokeratin 18, also known as CK18, CYK18, KRT18. Entrez Protein NP_000215. It encodes the type I intermediate filament chain keratin 18. Keratin 18, together with its filament partner keratin 8, are perhaps the most commonly found members 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.
Immunogen	Purified recombinant fragment of human Cytokeratin 18 (aa391-483) expressed in E. Coli. ;
Reactive Species	Human
Clone	MM4D11E4;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Cancer Genet Cytogenet. 2007 Oct 15;178(2):94-103. ; 2. J Mol Histol. 2008 Apr;39(2):209-16.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**