

Mouse Monoclonal Antibody to Cytokeratin 8

Catalogue Number	sAP-0229
Target Molecule	<p>Name: Cytokeratin 8</p> <p>Aliases: CK8; CYK8; K2C8; KRT8</p> <p>MW: 54kDa</p> <p>Entrez Gene ID: 3856</p>
Description	<p>Cytokeratin 8, also known as CK8, KRT8, K8. Entrez Protein NP_002264. It is a member of the type II keratin family. Type I and type II keratins heteropolymerize to form intermediate-sized filaments in the cytoplasm of epithelial cells. It typically dimerizes with keratin 18 to form an intermediate filament in simple single-layered epithelial cells. This protein plays a role in maintaining cellular structural integrity and also functions in signal transduction and cellular differentiation. Mutations in this gene cause cryptogenic cirrhosis.</p>
Immunogen	Purified recombinant fragment of human Cytokeratin (aa391-483) expressed in E. Coli.
Reactive Species	Human
Clone	MM8A5D12;
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 H ₂ O, 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; ICC: 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. Cancer Lett. 2008 Jul 8;265(2):188-96.

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**