

Mouse Monoclonal Antibody to CK1

Catalogue Number	sAP-0069
Target Molecule	Name: CK1 Aliases: K1; CK1; EHK; EHK1; EPPK; KRT1A; NEPPK MW: N/A Entrez Gene ID: 3848
Description	CK1 (also designated Cytokeratin 1 or KRT1),with 644-amino acid protein (about 70kDa), is a member of the keratin family. Cytokeratins play a critical role in differentiation and tissue specialization, and they function to maintain the overall structural integrity of epithelial cells.CK1 consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. CK1 is specifically expressed in the spinous and granular layers of the epidermis with family member KRT10 and mutations in these genes have been associated with bullous congenital ichthyosiform erythroderma.
Immunogen	Purified recombinant fragment of CK1 expressed in E. Coli.
Reactive Species	Human;
Clone	MM3C10F7;
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
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Ricardo G. Espinola, Robin A. Pixley, Berhane Ghebrehwet. Blood (ASH Annual Meeting Abstracts), Nov 2005; 106: 2666.;

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**