

Mouse Monoclonal Antibody to CK5

Catalogue Number	sAP-1017
Target Molecule	Name: CK5 Aliases: K5; KRT5; DDD; EBS2; KRT5A MW: 62.3kDa Entrez Gene ID: 3852
Description	The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the basal layer of the epidermis with family member KRT14. Mutations in these genes have been associated with a complex of diseases termed epidermolysis bullosa simplex. The type II cytokeratins are clustered in a region of chromosome 12q12-q13.
Immunogen	Purified recombinant fragment of human CK5 (AA: 316-590) expressed in E. Coli.
Reactive Species	Human;
Clone	MM2C2B4;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% 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; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Am J Surg Pathol. 2009 Nov;33(11):1615-23. ; 2.J Dermatol. 2009 Aug;36(8):447-52.

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**