

## Mouse Monoclonal Antibody to CK5

<b>Catalogue Number</b>	sAP-1229
<b>Target Molecule</b>	<p><b>Name:</b> CK5</p> <p><b>Aliases:</b> KRT5; K5; DDD; DDD1; EBS2; KRT5A</p> <p><b>MW:</b> 62.4kDa</p> <p><b>Entrez Gene ID:</b> 3852</p>
<b>Description</b>	<p>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.;</p>
<b>Immunogen</b>	Purified recombinant fragment of human CK5 (AA: 258-357) expressed in E. Coli.
<b>Reactive Species</b>	Human; Mouse; Monkey;
<b>Clone</b>	MM3D6D4;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	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; FCM: 1 to 200 - 1 to 400
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1.Horm Cancer. 2013 Feb;4(1):36-49. ; 2.Breast Cancer Res Treat. 2011 Jul;128(1):45-55. ;

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**