

## Mouse Monoclonal Antibody to CK7

<b>Catalogue Number</b>	sAP-0366
<b>Target Molecule</b>	<b>Name:</b> CK7 <b>Aliases:</b> KRT7; cytokeratin 7 <b>MW:</b> 51kDa <b>Entrez Gene ID: 3855</b>
<b>Description</b>	CK7 (Keratin, type II cytoskeletal 7) is a protein that in humans is encoded by the KRT7 gene. CK7 is a member of the keratin family. It is specifically expressed in the simple epithelia lining the cavities of the internal organs and in the gland ducts and blood vessels. 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 simple epithelia lining the cavities of the internal organs and in the gland ducts and blood vessels. The genes encoding the type II cytokeratins are clustered in a region of chromosome 12q12-q13. Alternative splicing may result in several transcript variants;
<b>Immunogen</b>	Purified recombinant fragment of human CK7 expressed in E. Coli.
<b>Recitative Species</b>	Human
<b>Clone</b>	MM5D12;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H2O, 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; FCM: 1 to 200 - 1 to 400
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. Cytogenet Cell Genet. 1991;57(1):33-8. ; 2. J Pathol. 1998 Mar;184(3):234-9. ; 3. J Cell Biol. 2006 Jul 17;174(2):169-74.

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**