

## Mouse Monoclonal Antibody to Cytokeratin 19

<b>Catalogue Number</b>	sAP-0232
<b>Target Molecule</b>	<p><b>Name:</b> Cytokeratin 19</p> <p><b>Aliases:</b> CK19; K1CS; MGC15366; KRT19</p> <p><b>MW:</b> 44kDa</p> <p><b>Entrez Gene ID:</b> 3880</p>
<b>Description</b>	Cytokeratin 19, also known as KRT19, CK19, K1CS, MGC15366. Entrez Protein NP_002267. It is a member of the keratin family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. The type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. Unlike its related family members, this smallest known acidic cytokeratin is not paired with a basic cytokeratin in epithelial cells. It is specifically expressed in the periderm, the transiently superficial layer that envelopes the developing epidermis.
<b>Immunogen</b>	Purified recombinant fragment of Cytokeratin 19 (aa80-400) expressed in E. Coli. ;
<b>Reactive Species</b>	Human
<b>Clone</b>	MM9H8G6;
<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 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
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. Lung Cancer. 2007 Dec;58(3):369-75. ; 2. Endocr Pract. 2008 Mar;14(2):168-74.

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**