

## Mouse Monoclonal Antibody to CD19

<b>Catalogue Number</b>	sAP-0392
<b>Target Molecule</b>	<b>Name: CD19</b> <b>Aliases:</b> B4; MGC12802 <b>MW: 61kDa</b> <b>Entrez Gene ID: 930</b>
<b>Description</b>	The CD19 antigen (95kDa) is expressed from the earliest stage of B progenitor development, on all peripheral B cells including germinal centre B cells, and all B cell lines and B cell leukaemia tested. T cell and monocytic cell lines are negative and the antigen is lost on B cell maturation to plasma cells. The antigen is a type I integral membrane glycoprotein whose in vitro inhibition will influence B cell activation and proliferation.
<b>Immunogen</b>	Purified recombinant fragment of human CD19 expressed in E. Coli.
<b>Reactive Species</b>	Human;
<b>Clone</b>	MM2E2;
<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; 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. Rie, M.A. de, J. of Immunol. Methods, 1987. 102: 187. ; 2. Rie, M.A. de, Leukaemia Research, 1988. 12: 135.

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**