

## Mouse Monoclonal Antibody to CD19

Catalogue Number	sAP-0392
Target Molecule	<b>Name:</b> CD19 <b>Aliases:</b> B4; MGC12802 <b>MW:</b> 61kDa <b>Entrez Gene ID:</b> 930
Description	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.
Immunogen	Purified recombinant fragment of human CD19 expressed in E. Coli.
Reactive Species	Human;
Clone	MM2E2;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	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**