

## Mouse Monoclonal Antibody to RAG1

Catalogue Number	sAP-0762
Target Molecule	<b>Name: RAG1</b> <b>Aliases:</b> RAG-1; RNF74; MGC43321 <b>MW: 119kDa</b> <b>Entrez Gene ID: 5896</b>
Description	The protein encoded by this gene is involved in activation of immunoglobulin V-D-J recombination. The encoded protein is involved in recognition of the DNA substrate, but stable binding and cleavage activity also requires RAG2. Defects in this gene can be the cause of several diseases.
Immunogen	Purified recombinant fragment of human RAG1 (AA: 818-868) expressed in E. Coli.
Recombinant Species	Human;
Clone	MM1D9;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% 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; WB: 1 to 500 - 1 to 2000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.PLoS One. 2011;6(5):e20475. 2.Immunol Lett. 2011 May;136(2):156-62.

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**