

## Mouse Monoclonal Antibody to ITGAM

<b>Catalogue Number</b>	sAP-0861
<b>Target Molecule</b>	<b>Name: ITGAM</b> <b>Aliases:</b> CR3A; MO1A; CD11B; MAC-1; MAC1A; SLEB6 <b>MW: 127.1kDa</b> <b>Entrez Gene ID: 3684</b>
<b>Description</b>	<p>This gene encodes the integrin alpha M chain. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This I-domain containing alpha integrin combines with the beta 2 chain (ITGB2) to form a leukocyte-specific integrin referred to as macrophage receptor 1 ('Mac-1'), or inactivated-C3b (iC3b) receptor 3 ('CR3'). The alpha M beta 2 integrin is important in the adherence of neutrophils and monocytes to stimulated endothelium, and also in the phagocytosis of complement coated particles. Multiple transcript variants encoding different isoforms have been found for this gene. ;</p>
<b>Immunogen</b>	Purified recombinant fragment of human ITGAM (AA: 623-728) expressed in E. Coli.
<b>Recitative Species</b>	Human;
<b>Clone</b>	MM3A10H5;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% 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; ICC: 1 to 200 - 1 to 1000
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. Ann Rheum Dis. 2012 Dec;71(12):2028-34. ; 2. J Infect Chemother. 2011 Apr;17(2):291-6.

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**