

Mouse Monoclonal Antibody to CD11C

Catalogue Number	sAP-1742
Target Molecule	Name: CD11C Aliases: ITGAX; SLEB6 MW: 127.8kDa Entrez Gene ID: 3687
Description	<p>This gene encodes the integrin alpha X chain protein. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This protein combines with the beta 2 chain (ITGB2) to form a leukocyte-specific integrin referred to as inactivated-C3b (iC3b) receptor 4 (CR4). The alpha X beta 2 complex seems to overlap the properties of the alpha M beta 2 integrin in the adherence of neutrophils and monocytes to stimulated endothelium cells, and in the phagocytosis of complement coated particles. Two transcript variants encoding different isoforms have been found for this gene.</p>
Immunogen	Purified recombinant fragment of human CD11C (AA: extra 102-279) expressed in E. Coli.
Reactive Species	Human;
Clone	MM6G2D1
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 ₂ 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; ICC: N to A; FCM: 1 to 200 - 1 to 400; IHC: N to A
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.World J Gastroenterol. 2015 Aug 21;21(31):9403-12.2.Am J Clin Pathol. 2010 Aug;134(2):271-7.

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**