

## Mouse Monoclonal Antibody to CD102

<b>Catalogue Number</b>	sAP-1722
<b>Target Molecule</b>	<b>Name: CD102</b> <b>Aliases: ICAM2</b> <b>MW: 30.7kDa</b> <b>Entrez Gene ID: 3384</b>
<b>Description</b>	The protein encoded by this gene is a member of the intercellular adhesion molecule (ICAM) family. All ICAM proteins are type I transmembrane glycoproteins, contain 2-9 immunoglobulin-like C2-type domains, and bind to the leukocyte adhesion LFA-1 protein. This protein may play a role in lymphocyte recirculation by blocking LFA-1-dependent cell adhesion. It mediates adhesive interactions important for antigen-specific immune response, NK-cell mediated clearance, lymphocyte recirculation, and other cellular interactions important for immune response and surveillance. Several transcript variants encoding the same protein have been found for this gene.
<b>Immunogen</b>	Purified recombinant fragment of human CD102 (AA: extra 25-223) expressed in E. Coli.
<b>Recitative Species</b>	Human;
<b>Clone</b>	MM6B9G10
<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: N to A; FCM: 1 to 200 - 1 to 400; IHC: N to A
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1.Curr Opin Hematol. 2015 Jan;22(1):53-9. 2.BMC Cancer. 2013 May 28;13:261.

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**