

Mouse Monoclonal Antibody to CD107b

Catalogue Number	sAP-1709
Target Molecule	Name: CD107b Aliases: LAMPB; LAMP2; LAMP-2; LGP-96; LGP110 MW: 45kDa Entrez Gene ID: 3920
Description	The protein encoded by this gene is a member of a family of membrane glycoproteins. This glycoprotein provides selectins with carbohydrate ligands. It may play a role in tumor cell metastasis. It may also function in the protection, maintenance, and adhesion of the lysosome. Alternative splicing of this gene results in multiple transcript variants encoding distinct proteins.
Immunogen	Purified recombinant fragment of human CD107b (AA: extra 29-168) expressed in E. Coli.
Recitative Species	Human;Mouse;Rat;
Clone	MM8E2F2
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: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Mol Cell Biochem. 2014 Jan;385(1-2):1-6. 2.Rheumatology (Oxford). 2013 Sep;52(9):1592-8.

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**