

Mouse Monoclonal Antibody to CD100

Catalogue Number	sAP-1648
Target Molecule	Name: CD100 Aliases: SEMA4D; SEMAJ; coll-4; C9orf164; M-sema-G MW: 96.2kDa Entrez Gene ID: 10507
Description	SEMA4D (Semaphorin 4D) is a Protein Coding gene. Diseases associated with SEMA4D include Hemorrhagic Fever With Renal Syndrome. Among its related pathways are Guidance Cues and Growth Cone Motility and Developmental Biology. GO annotations related to this gene include receptor binding and transmembrane signaling receptor activity. An important paralog of this gene is SEMA4B.
Immunogen	Purified recombinant fragment of human CD100 (AA: extra 590-734) expressed in E. Coli.
Reactive Species	Human;
Clone	MM5C5B10
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.PLoS One. 2016 Feb 24;11(2):e0150151.2.Microvasc Res. 2014 May;93:1-8.

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**