

## Mouse Monoclonal Antibody to CD183

Catalogue Number	sAP-1690
Target Molecule	<b>Name:</b> CD183 <b>Aliases:</b> CXCR3; GPR9; MigR; CD182; Mig-R; CKR-L2; CMKAR3; IP10-R <b>MW:</b> 40.7kDa <b>Entrez Gene ID:</b> 2833
Description	This gene encodes a G protein-coupled receptor with selectivity for three chemokines, termed CXCL9/Mig (monokine induced by interferon- $\gamma$ ), CXCL10/IP10 (interferon- $\gamma$ -inducible 10 kDa protein) and CXCL11/IL-TAC (interferon-inducible T cell a-chemoattractant). Binding of chemokines to this protein induces cellular responses that are involved in leukocyte traffic, most notably integrin activation, cytoskeletal changes and chemotactic migration. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. One of the isoforms (CXCR3-B) shows high affinity binding to chemokine, CXCL4/PF4 (PMID:12782716).
Immunogen	Purified recombinant fragment of human CD183 (AA: extra mix) expressed in E. Coli.
Reactive Species	Human;
Clone	MM5C10B3
Size and Concentration	100 $\mu$ g/1mg/ml
Supplied as	Lyophilized Powder from 100 $\mu$ l of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100 $\mu$ l sterile DI H <sub>2</sub> 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.Hum Pathol. 2015 Dec;46(12):1872-80. 2.Breast Cancer Res Treat. 2015 Jan;149(2):403-15.

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**