

## Mouse Monoclonal Antibody to CD183

<b>Catalogue Number</b>	sAP-1689
<b>Target Molecule</b>	<p><b>Name: CD183</b></p> <p><b>Aliases:</b> CXCR3; GPR9; MigR; CD182; Mig-R; CKR-L2; CMKAR3; IP10-R</p> <p><b>MW: 40.7kDa</b></p> <p><b>Entrez Gene ID: 2833</b></p>
<b>Description</b>	<p>This gene encodes a G protein-coupled receptor with selectivity for three chemokines, termed CXCL9/Mig (monokine induced by interferon-g), CXCL10/IP10 (interferon-g-inducible 10 kDa protein) and CXCL11/I-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).</p>
<b>Immunogen</b>	Purified recombinant fragment of human CD183 (AA: extra mix) expressed in E. Coli.
<b>Reactive Species</b>	Human;
<b>Clone</b>	MM5C10E6
<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: 1 to 200 - 1 to 1000
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	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**