

## Mouse Monoclonal Antibody to CD140a

<b>Catalogue Number</b>	sAP-1736
<b>Target Molecule</b>	<p><b>Name:</b> CD140a</p> <p><b>Aliases:</b> PDGFRA; PDGFR2; PDGFR-2</p> <p><b>MW:</b> 122.6kDa</p> <p><b>Entrez Gene ID:</b> 5156</p>
<b>Description</b>	<p>This gene encodes a cell surface tyrosine kinase receptor for members of the platelet-derived growth factor family. These growth factors are mitogens for cells of mesenchymal origin. The identity of the growth factor bound to a receptor monomer determines whether the functional receptor is a homodimer or a heterodimer, composed of both platelet-derived growth factor receptor alpha and beta polypeptides. Studies suggest that this gene plays a role in organ development, wound healing, and tumor progression. Mutations in this gene have been associated with idiopathic hypereosinophilic syndrome, somatic and familial gastrointestinal stromal tumors, and a variety of other cancers.</p>
<b>Immunogen</b>	Purified recombinant fragment of human CD140a (AA: extra 179-361) expressed in E. Coli.
<b>Reactive Species</b>	Human;
<b>Clone</b>	MM1A10A8
<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.World J Gastroenterol. 2016 Mar 28;22(12):3335-40.2.Gene Expr. 2015;16(3):109-27.

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**