

## Mouse Monoclonal Antibody to CD1A

<b>Catalogue Number</b>	sAP-0537
<b>Target Molecule</b>	<p><b>Name:</b> CD1A</p> <p><b>Aliases:</b> R4; T6; CD1; FCB6; HTA1; CD1A</p> <p><b>MW:</b> 37kDa</p> <p><b>Entrez Gene ID:</b> 909</p>
<b>Description</b>	<p>CD1a is a non polymorphic MHC Class 1 related cell surface glycoprotein, expressed in association with Beta 2 microglobulin. CD1a is expressed by cortical thymocytes, Langerhan's cells and by interdigitating cells. CD1a is also expressed by some malignancies of T cell lineage and in histiocytosis X. Tissue specificity: Expressed on cortical thymocytes, epidermal Langerhans cells, dendritic cells, on certain T-cell leukemias, and in various other tissues.</p>
<b>Immunogen</b>	Purified recombinant fragment of human CD1A expressed in E. Coli.
<b>Reactive Species</b>	Human
<b>Clone</b>	MM6H3;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% 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; FCM: 1 to 200 - 1 to 400
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. J Neuroimmunol. 2008 Dec 15;205(1-2):110-2. ; 2. Pathol Int. 2008 Mar;58(3):169-73.

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**