

## Mouse Monoclonal Antibody to CD6

<b>Catalogue Number</b>	sAP-1075
<b>Target Molecule</b>	<b>Name: CD6</b> <b>Aliases:</b> TP120; FLJ44171 <b>MW: 71.8kDa</b> <b>Entrez Gene ID: 923</b>
<b>Description</b>	This gene encodes a protein found on the outer membrane of T-lymphocytes as well as some other immune cells. The encoded protein contains three scavenger receptor cysteine-rich (SRCR) domains and a binding site for an activated leukocyte cell adhesion molecule. The gene product is important for continuation of T cell activation. This gene may be associated with susceptibility to multiple sclerosis (PMID: 19525953, 21849685). Multiple transcript variants encoding different isoforms have been found for this gene.
<b>Immunogen</b>	Purified recombinant fragment of human CD6 (AA: Extra(18-199)) expressed in E. Coli.
<b>Recitative Species</b>	Human;
<b>Clone</b>	MM6B11G6 ;
<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; IHC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. J Autoimmun. 2010 Dec;35(4):336-41.; 2. Proc Natl Acad Sci U S A. 2007 Jul 10;104(28):11724-9.

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**