

## Mouse Monoclonal Antibody to COTL1

<b>Catalogue Number</b>	sAP-0672
<b>Target Molecule</b>	<p><b>Name:</b> COTL1</p> <p><b>Aliases:</b> CLP</p> <p><b>MW:</b> 16kDa</p> <p><b>Entrez Gene ID:</b> 23406</p>
<b>Description</b>	<p>This gene encodes one of the numerous actin-binding proteins which regulate the actin cytoskeleton. This protein binds F-actin, and also interacts with 5-lipoxygenase, which is the first committed enzyme in leukotriene biosynthesis. Although this gene has been reported to map to chromosome 17 in the Smith-Magenis syndrome region, the best alignments for this gene are to chromosome 16. The Smith-Magenis syndrome region is the site of two related pseudogenes.</p>
<b>Immunogen</b>	Purified recombinant fragment of human COTL1 expressed in E. Coli. ;
<b>Recombinant Species</b>	Human
<b>Clone</b>	MM5C8E3;
<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; FCM: 1 to 200 - 1 to 400
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. Biochem J. 2009 Dec 14;425(1):265-74. ; 2. Exp Mol Med. 2009 May 31;41(5):354-61. ;

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**