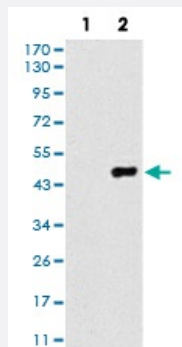


# COTL1 monoclonal antibody, clone 5C8E3

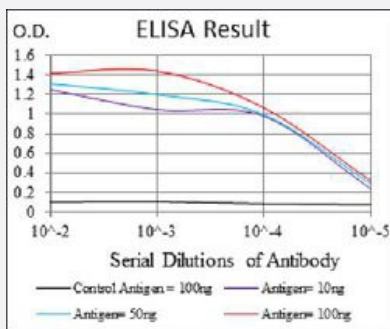
Catalog # MAB17711      Size 100 ug

## Applications



### Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) COTL1-hlgGfC transfected HEK293 cell lysate with COTL1 monoclonal antibody.



### Enzyme-linked Immunoabsorbent Assay

ELISA analysis of COTL1 monoclonal antibody, clone 5C8E3.

## Specification

Product Description	Mouse monoclonal antibody raised against recombinant human COTL1.
Immunogen	Recombinant protein corresponding to human COTL1 from <i>E. coli</i> .
Host	Mouse
Theoretical MW (kDa)	16
Reactivity	Human
Form	Liquid
Isotype	IgG1

<b>Recommend Usage</b>	ELISA (1:10000) Flow Cytometry (1:200-1:400) Immunocytochemistry Immunohistochemistry Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (0.05% sodium azide).
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) COTL1-hlgGfc transfected HEK293 cell lysate with COTL1 monoclonal antibody.

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of COTL1 monoclonal antibody, clone 5C8E3.

## Gene Info — COTL1

<b>Entrez GeneID</b>	<a href="#">23406</a>
<b>Gene Name</b>	COTL1
<b>Gene Alias</b>	CLP, FLJ43657, MGC19733
<b>Gene Description</b>	coactosin-like 1 (Dictyostelium)
<b>Omim ID</b>	<a href="#">606748</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</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. [provided by RefSeq]</p>

## Other Designations

coactosin-like 1

## Disease

- [Arthritis](#)
- [Autoimmune Diseases](#)
- [Lupus Erythematosus](#)