

Mouse anti-Human Coactosin-like Protein 1/COTL1 Monoclonal Antibody | anti-COTL1 antibody

Coactosin-like Protein 1/COTL1

CATALOG # AAA48342	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, Western Blot, ELISA
------------------------------	----------------------	----------------------------	--

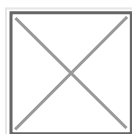
PRODUCT SYNONYMS

Coactosin-like Protein 1/COTL1; Monoclonal Antibody; Coactosin-like protein; CLP; FLJ43657; MGC19733; anti-COTL1 antibody

PRODUCT SPECIFICATIONS

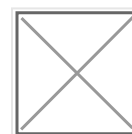
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b kappa
Clone Number	AT1D6
Purity/Purification	By protein-A affinity chromatography
Form/Format	Liquid. In Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% Glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	142
Applicable Applications for anti-COTL1 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human COTL1 (1-142aa) purified from E. coli
Conjugation	Unconjugated
Note	This product was produced from tissue culture supernatant.
Preparation and Storage	Can be stored at 2 degree C to 8 degree C for 1 week. For long term storage, aliquot and store at -20 degree C to -80 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometry analysis of Coactosin-like Protein 1/COTL1 in HeLa cells. The cell was stained at 2-5ug for 1x10⁶cells (red). A Goat anti mouse IgG (Alexa fluor 488) was used as the secondary antibody. Mouse monoclonal IgG was used as the isotype control (dark gray), cells without incubation with primary and secondary antibody was used as the negative control (light gray).



WB (Western Blot)

The cell lysate(40ug) was resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human Coactosin-like Protein 1/COTL1 antibody (1:500). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: HeLa cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-COTL1 antibody	COTL1 (coactosin-like 1), also known as CLP, is a 142 amino acid cytoplasmic and cytoskeletal proteinthat belongs to the actin-binding proteins ADF family and coactosin subfamily. COTL1 is first identified inslime mold and is found at highest levels in kidney, placenta, lung and peripheral blood leukocytes. COTL1 isone of many proteins that participate in regulation of Actin's cytoskeleton through a calcium dependent mechanism,but has not been shown to have a direct effect on Actin depolymerization.
Product Categories/Family for anti-COTL1 antibody	Signal Transduction
References	Provost. P., et al. (2001) Biochem J 359(1): 255-263.; Dai. H., et al. (2006) Biochim Biophys Acta 1764(11): 1688-1700.; Esser. J., et al. (2010) Biochem J 425(1): 265-274.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21624607
NCBI GeneID	23406
NCBI Accession #	NP_066972
NCBI GenBank Nucleotide #	NP_066972.1
UniProt Accession #	Q14019
NCBI Official Full Name	coactosin-like protein
NCBI Official Synonym Full Names	coactosin like F-actin binding protein 1
NCBI Official Symbol	COTL1
NCBI Official Synonym Symbols	CLP
NCBI Protein Information	coactosin-like protein
UniProt Protein Name	Coactosin-like protein
UniProt Gene Name	COTL1
UniProt Synonym Gene Names	CLP
UniProt Entry Name	COTL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/coactosin-like-protein-1-cotl1-antibody-clone-at1d6-flow-cytometry-western-blot-elisa/48342>