

Datasheet for ABIN7596079
anti-COTL1 antibody (AA 1-142)



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	COTL1
Binding Specificity:	AA 1-142
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Human Coactosin-like Protein 1/COTL1 antibody
Immunogen:	Recombinant human COTL1 (1-142aa) purified from E. coli
Clone:	AT1D6
Isotype:	IgG2b kappa
Purification:	protein-A affinity chromatography

Target Details

Target:	COTL1
Alternative Name:	Coactosin-like Protein 1/COTL1 (COTL1 Products)
Background:	COTL1 (coactosin-like 1), also known as CLP, is a 142 amino acid cytoplasmic and cytoskeletal protein that belongs to the actin-binding proteins ADF family and coactosin subfamily. COTL1 is

Target Details

first identified inslime mold and is found at highest levels in kidney, placenta, lung and peripheral blood leukocytes. COTL1 is one 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.

NCBI Accession: [NP_066972](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% glycerol

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.