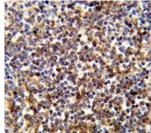


# **COTL1 Antibody / Coactosin-like protein (F55004)**

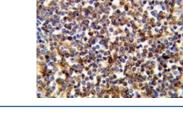
Catalog No.	Formulation	Size
F55004-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F55004-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

## **Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q14019
Localization	Cytoplasmic, nuclear
Applications	Western Blot : 1:500-1:1000 Flow Cytometry : 1:10-1:50 (1x10e6 cells) Immunohistochemistry (FFPE) : 1:50-1:100
Limitations	This COTL1 antibody is available for research use only.

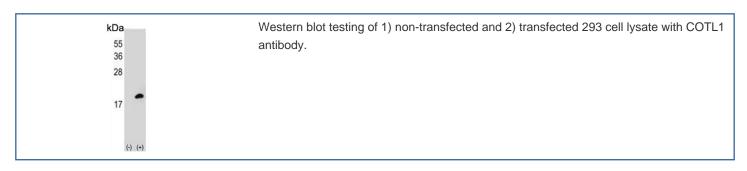


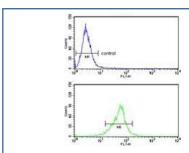
IHC testing of FFPE human spleen tissue with COTL1 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of human HeLa cell lysate with COTL1 antibody. Predicted molecular weight ~16 kDa.

kDa





Flow cytometry testing of human HeLa cells with COTL1 antibody; Blue=isotype control, Green= COTL1 antibody.

#### **Description**

COTL1 is 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.

### **Application Notes**

The stated application concentrations are suggested starting points. Titration of the COTL1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

#### **Immunogen**

A portion of amino acids 115-142 from the human protein was used as the immunogen for the COTL1 antibody.

#### **Storage**

Aliquot the COTL1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.