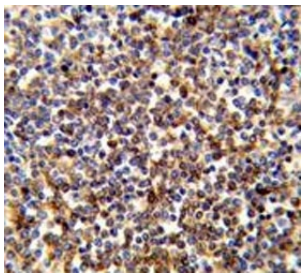
COTL1 Antibody / Coactosin-like protein (F55004)

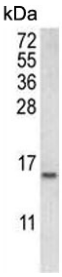
Catalog No.	Formulation	Size
F55004-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F55004-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

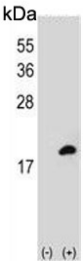
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q14019
Localization	Cytoplasmic, nuclear
Applications	Western blot: 1:500-1:1000 Flow cytometry: 1:10-1:50 (1x10e6 cells)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



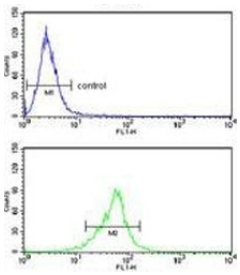
IHC testing of FFPE human spleen tissue with COTL1 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



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



Western blot testing of 1) non-transfected and 2) transfected 293 cell lysate with COTL1 antibody.



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.

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