

For Research Use Only

COTL1 Monoclonal antibody, PBS Only



Catalog Number: 60237-1-PBS

Featured Product

Basic Information

Catalog Number:

60237-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG1230

GenBank Accession Number:

BC010884

GeneID (NCBI):

23406

UNIPROT ID:

Q14019

Full Name:

coactosin-like 1 (Dictyostelium)

Calculated MW:

16 kDa

Observed MW:

14-16 kDa

Purification Method:

Protein G purification

CloneNo.:

4A3D9

Applications

Tested Applications:

WB, Indirect ELISA, IHC, IF

Species Specificity:

human, mouse

Background Information

COTL1, also named as CLP, binds to F-actin in a calcium-independent manner. And it has no direct effect on actin depolymerization.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

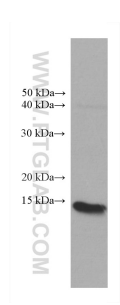
T: 4006900926

E: Proteintech-CN@ptglab.com

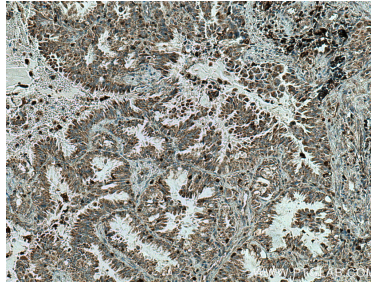
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

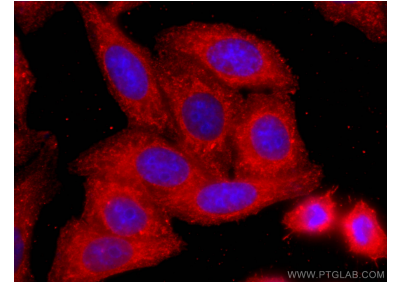
Selected Validation Data



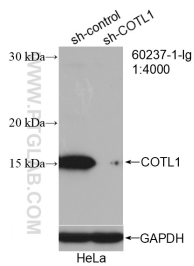
A431 cells were subjected to SDS PAGE followed by western blot with 60237-1-Ig (COTL1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60237-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 60237-1-Ig (COTL1 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60237-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using COTL1 antibody (60237-1-Ig, Clone: 4A3D9) at dilution of 1:400 and CoraLite®594-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 60237-1-PBS in a different storage buffer formulation.



WB result of COTL1 antibody (60237-1-Ig; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-COTL1 transfected HeLa cells. This data was developed using the same antibody clone with 60237-1-PBS in a different storage buffer formulation.