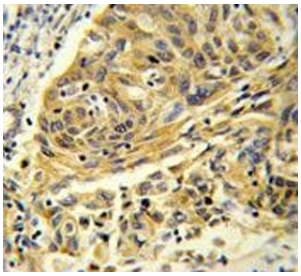
# Clathrin Light Chain A Antibody / CTLA (F55014)

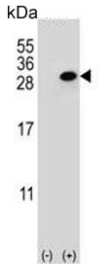
| Catalog No. | Formulation | Size |
|---|---|---|
| F55014-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F55014-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**Bulk quote request**

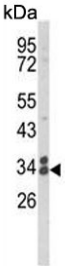
| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit Ig |
| **Purity** | Antigen affinity purified |
| **UniProt** | P09496 |
| **Localization** | Cytoplasmic |
| **Applications** | Flow cytometry: 1:10-1:50 (1x10e6 cells)<br>Western blot: 1:500-1:1000<br>Immunohistochemistry (FFPE): 1:50-1:100 |
| **Limitations** | This Clathrin Light Chain A antibody is available for research use only. |



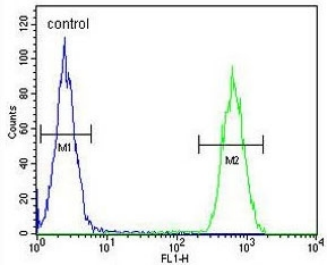
IHC testing of FFPE human lung carcinoma tissue with Clathrin Light Chain A antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.




Western blot testing of 1) non-transfected and 2) transfected 293 cell lysate with Clathrin Light Chain A antibody.




Western blot testing of human MDA-MB-231 cell lysate with Clathrin Light Chain A antibody. Expected molecular weight: 24-27 kDa.




Flow cytometry testing of human MDA-MB-231 cells with Clathrin Light Chain A antibody; Blue=isotype control, Green= Clathrin Light Chain A antibody.

## Description

Clathrin is a large, soluble protein composed of heavy and light chains. It functions as the main structural component of the lattice-type cytoplasmic face of coated pits and vesicles which entrap specific macromolecules during receptor-mediated endocytosis. CLTA is one of two clathrin light chain proteins which are believed to function as regulatory elements.

## Application Notes

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

## Immunogen

A portion of amino acids 99-127 from the human protein was used as the immunogen for the Clathrin Light Chain A antibody.

## Storage

Aliquot the Clathrin Light Chain A antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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