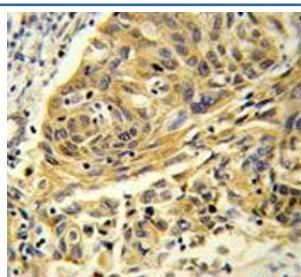


## Clathrin Light Chain A Antibody / CTLA (F55014)

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**

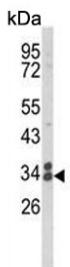
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity purified
<b>UniProt</b>	P09496
<b>Localization</b>	Cytoplasmic
<b>Applications</b>	Flow Cytometry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



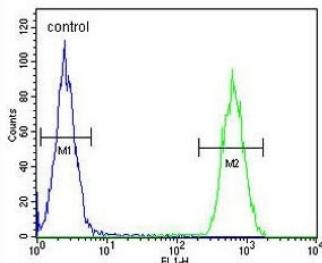
IHC testing of FFPE human lung carcinoma tissue with Clathrin Light Chain A antibody.  
HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



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.

