

[Go to Product page](#)

Datasheet for ABIN6937002 **anti-CLTA/CLTB antibody (N-Term)**

Overview

Quantity:	100 µg
Target:	CLTA/CLTB
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CLTA/CLTB antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (IF), Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Immunogen:	Purified recombinant N-terminal fragment of human Clathrin Light Chain
Clone:	SPM174
Isotype:	IgG2b kappa
Specificity:	Recognizes proteins of 31-44 kDa, which are identified as Clathrin Light Chains (both A B). Clathrin is composed of three heavy chains and three light chains, which associate non-covalently to form a triskelion structure. Clathrin light chain regulates the self-assembly of triskelions onto intracellular membranes. Clathrin light chain subunits (LCA and LCB) contribute to regulation of coated vesicle formation to sort proteins during receptor-mediated endocytosis and organelle biogenesis. LCA and LCB are encoded by two discrete genes. They share only 60 % homology, and have certain features in common. Both LCA and LCB undergo alternative

Product Details

mRNA splicing, which results in the generation of tissue-specific isoforms.

Cross-Reactivity (Details): Human.

Purification: 1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target: CLTA/CLTB

Alternative Name: CLTA and CLTB ([CLTA/CLTB Products](#))

Background: Clathrin light chain A, Clathrin light chain B, Clathrin light chain LCA, Clathrin light chain LCB, Clathrin light polypeptide A, Clathrin light polypeptide B, Clathrin, light polypeptide (Lca), Clathrin, light polypeptide (Lcb), CLTA, CLTB, Clathrin, Light Chain
Cellular localisation: Cytoplasmic

Molecular Weight: 31-44kDa

Gene ID: 1211, 1212, 484241

UniProt: [P09496](#), [P09497](#)

Application Details

Application Notes: Known_Application: Flow Cytometry (1-2 µg/million cells), Immunofluorescence (1-2 µg/mL), Western Blot (1-2 µg/mL), Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 min at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes), Optimal dilution for a specific application should be determined.
Positive_Control: HeLa cells. Placenta or Prostate Carcinoma.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: Prepared in 10 mM PBS, WITHOUT BSA and Azide.

Preservative: Azide free

Storage: -20 °C, -80 °C

Storage Comment: Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.

Handling

Expiry Date: 24 months