

CLTC monoclonal antibody, clone CLTC/1431

Catalog # MAB14483 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human CLTC.
Immunogen	Recombinant protein corresponding to N-terminus of human CLTC.
Host	Mouse
Theoretical MW (kDa)	192
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/10 ⁶ cells) Immunofluorescence (1-2 ug/mL) Western Blotting (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS (0.05% BSA, 0.05% sodium azide).
Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunofluorescence
- Flow Cytometry

Gene Info — CLTC

Entrez GeneID	1213
Protein Accession#	Q00610;P53675
Gene Name	CLTC
Gene Alias	CHC, CHC17, CLH-17, CLTCL2, Hc, KIAA0034
Gene Description	clathrin, heavy chain (Hc)
Omim ID	118955
Gene Ontology	Hyperlink
Gene Summary	Clathrin is a major protein component of the cytoplasmic face of intracellular organelles, called coated vesicles and coated pits. These specialized organelles are involved in the intracellular trafficking of receptors and endocytosis of a variety of macromolecules. The basic subunit of the clathrin coat is composed of three heavy chains and three light chains. [provided by RefSeq]
Other Designations	clathrin heavy chain 1 clathrin, heavy polypeptide (Hc) clathrin, heavy polypeptide-like 2

Publication Reference

- [Structure of human clathrin light chains. Conservation of light chain polymorphism in three mammalian species.](#)
Jackson AP, Parham P.
The Journal of Biological Chemistry 1988 Nov; 263(32):16688.

Pathway

- [Endocytosis](#)
- [Lysosome](#)

Disease

- [Cardiovascular Diseases](#)

- [Diabetes Mellitus](#)
- [Edema](#)