

RecomAb™

CLTC/CLTCL1 recombinant monoclonal antibody, clone R03-8A4

Catalog # RAB06480

Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human CLTC/CLTCL1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human CLTC/CLTCL1.
Theoretical MW (kDa)	Calculated MW: 192 k
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:100) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end use.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol and 0.02% Sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry

Gene Info — CLTC

Entrez GeneID	1213
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

Gene Info — CLTCL1

Entrez GeneID	8218
Gene Name	CLTCL1
Gene Alias	CHC22, CLH22, CLTCL, CLTD, FLJ36032
Gene Description	clathrin, heavy chain-like 1
Omim ID	601273
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the clathrin heavy chain family and encodes a major protein of the polyhedral coat of coated pits and vesicles. Chromosomal aberrations involving this gene are associated with meningioma, DiGeorge syndrome, and velo-cardio-facial syndrome. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	Clathrin, heavy polypeptide D clathrin, heavy polypeptide-like 1

Pathway

- [Endocytosis](#)

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

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Tobacco Use Disorder](#)