

Mouse Clathrin Monoclonal Antibody | anti-CLTC antibody

Clathrin, Heavy Chain

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA214896	Mouse	Mouse, Rat, Cow, Dog, Human, Pig, Xenopus laevis, Bird, African green monkey	Immunofluorescence

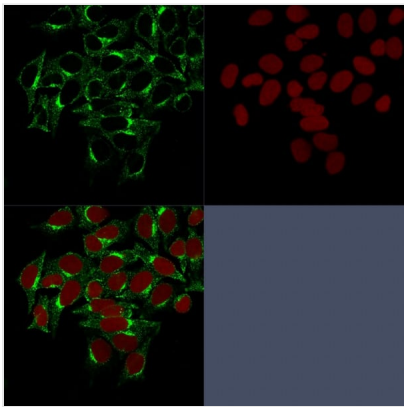
PRODUCT SYNONYMS

Clathrin; Monoclonal Antibody; Heavy Chain; Clathrin heavy chain; Clathrin heavy chain 1; Clathrin heavy chain 2; Clathrin heavy chain on chromosome 17 (CHC17 or CHC-17); CLH22; CLTC; CLTCL; CLTCL1; CLTCL2; CLTD; anti-CLTC antibody

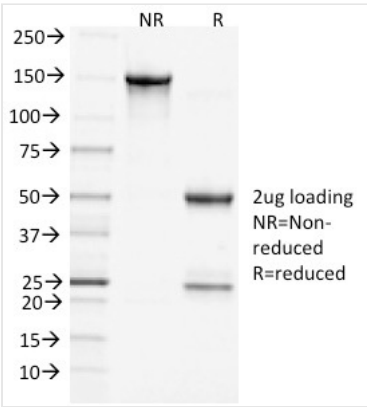
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Mouse, Rat, Cow, Dog, Human, Pig, Xenopus laevis, Bird, African green monkey
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	CHC/1432
Specificity	Recognizes protein of 192kDa, which is identified as Clathrin Heavy Chain. Clathrin is composed of three heavy chains and three light chains, which associate non-covalently to form a triskelion structure. Clathrin heavy chain (HC) is composed of a terminal globular domain, a distal segment and a proximal segment containing a light chain-binding site. The proximal segment of the Clathrin HC protein is essential for interactions between Clathrin heavy chains and light chains, which result in the formation of the triskelion structure.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
Form/Format	200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	1583
Applicable Applications for anti-CLTC antibody	IF (Immunofluorescence)
Positive Control	HeLa cells. Placenta or Prostate Carcinoma.
Immunogen	Recombinant full-length human Clathrin Heavy Chain protein
Cellular Localization	Cytoplasmic
Hu-chromosome Location	17q23.1
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C. Antibody without azide: store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IF (Immunofluorescence)
Confocal Immunofluorescence image of HeLa cells stained with Clathrin, HC Monoclonal Antibody (CHC/1432) followed by Goat anti-Mouse CF488 (green). Reddot is used to label the nuclei red.



SDS-PAGE
SDS-PAGE Analysis Purified Clathrin, HC Monoclonal Antibody (CHC/1432). Confirmation of Purity and Integrity of Antibody.

ADDITIONAL INFORMATION

References	Pearse, B.M. 1987. Clathrin and coated vesicles. EMBO J. 6: 2507-2512.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	242247001
NCBI GeneID	8218
NCBI Accession #	NP_001826.3
NCBI GenBank Nucleotide #	NP_001826.3
UniProt Accession #	P53675; Q00610
Molecular Weight	192kDa
NCBI Official Full Name	clathrin heavy chain 2 isoform 2
NCBI Official Synonym Full Names	clathrin heavy chain like 1
NCBI Official Symbol	CLTCL1
NCBI Official Synonym Symbols	CLTD; CHC22; CLH22; CLTCL
NCBI Protein Information	clathrin heavy chain 2
UniProt Protein Name	Clathrin heavy chain 2
UniProt Gene Name	CLTCL1
UniProt Synonym Gene Names	CLH22; CLTCL; CLTD; CLH-22

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/clathrin-antibody-clone-chc-1432-immunofluorescence-elisa/214896>