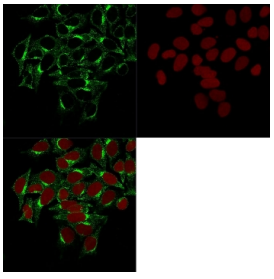
Clathrin Heavy Chain Antibody [clone CHC/1432] (V7685)

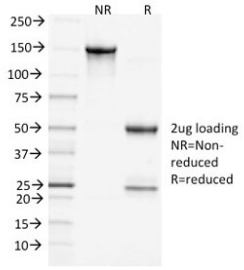
Catalog No.	Formulation	Size
V7685-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7685-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7685SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	CHC/1432
Purity	Protein G affinity chromatography
UniProt	Q00610, P53675
Localization	Cytoplasmic
Applications	Immunofluorescence : 1-2ug/ml
Limitations	This Clathrin Heavy Chain antibody is available for research use only.



Immunofluorescent staining of permeabilized human HeLa cells with Clathrin Heavy Chain antibody (clone CHC/1432, green) and Reddot nuclear stain (red).



SDS-PAGE analysis of purified, BSA-free Clathrin Heavy Chain antibody (clone CHC/1432) as confirmation of integrity and purity.

Description

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.

Application Notes

Optimal dilution of the Clathrin Heavy Chain antibody should be determined by the researcher.

Immunogen

Recombinant full-length human Clathrin Heavy Chain protein was used as the immunogen for this Clathrin Heavy Chain antibody.

Storage

Store the Clathrin Heavy Chain antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).