Clathrin, Heavy Chain Antibody

Mouse Monoclonal Antibody [Clone CHC/1432]

Catalog No	Format	Size
1213-MSM2-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
1213-MSM2-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
1213-MSM2-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

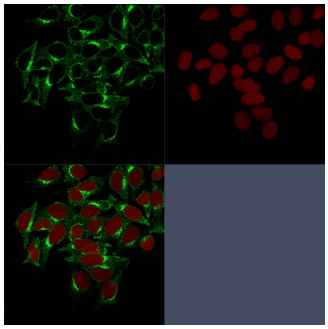
Applications	Tested Dillution	Note
Immunofluorescence (IF)	1-3ug/ml	

Product Details

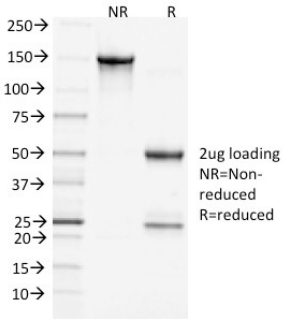
Clone	CHC/1432
Gene Name	CLTCL1
Immunogen	Recombinant full-length human Clathrin Heavy Chain protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	192kDa
Cellular Localization	Coated pit, Cytoplasmic vesicle membrane, Membrane
Species Reactivity	African Green Monkey, Bird, Cow, Dog, Human, Mouse, Pig, Rat, Xenopus Laevis
Positive Control	HeLa cells. Placenta or Prostate Carcinoma.

**Optimal dilution for a specific application should be determined.*

Product Images for Clathrin, Heavy Chain Antibody



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 nuceli red.



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

Specificity & Comments

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.

Supplied As

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.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Cardiovascular, Developmental Biology, Immunology, Infectious Disease, Signal Transduction

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.