**Catalog #** 1213-MSM1
Product Datasheet

# Clathrin, Heavy Chain Antibody

Mouse Monoclonal Antibody [Clone CLTC/1431]

| Catalog No | Format | Size |
|---|---|---|
| 1213-MSM1-P0 | Purified Ab with BSA and Azide at 200ug/ml | 20 ug |
| 1213-MSM1-P1 | Purified Ab with BSA and Azide at 200ug/ml | 100 ug |
| 1213-MSM1-P1ABX | Purified Ab WITHOUT BSA and Azide at 1.0mg/ml | 100 ug |

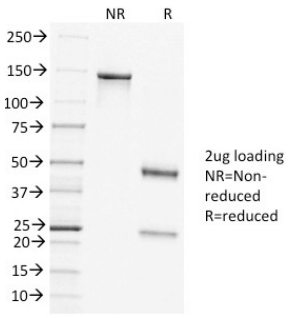
| Applications | Tested Dillution | Note |
|---|---|---|

## Product Details

| | |
|---|---|
| **Clone** | CLTC/1431 |
| **Gene Name** | CLTCL1 |
| **Immunogen** | Purified recombinant N-terminal fragment of human Clathrin Heavy Chain |
| **Host** | Mouse |
| **Clonality** | Monoclonal |
| **Isotype / Light Chain** | IgG1 / Kappa |
| **Mol. Weight of Antigen** | 192kDa |
| **Cellular Localization** | Coated pit, Cytoplasmic vesicle membrane, Membrane |
| **Species Reactivity** | Human |
| **Positive Control** | HeLa cells. Placenta or Prostate Carcinoma. |

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

## Product Images for Clathrin, Heavy Chain Antibody




SDS-PAGE Analysis of Purified Clathrin HC Mouse Monoclonal Antibody(CLTC/1431).
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

Autophagy, Cancer, 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.