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AM00525PU-N OriGene EU

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Monoclonal Antibody to Clathrin Heavy Chain - Purified

Catalog No.:	AM00525PU-N
Quantity:	0.1 mg
Concentration:	0.2 mg/ml
Background:	Clathrin consists of three heavy chain (192 kDa) and three light chains (LCa or LCb, 25-29 kDa) and self-assembles into a polyhedral cytoskeletal element. Self-assembly facilitates clathrin's central role in membrane sorting and selective transport within the cell.
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM10P (for use in human samples), AM03095PU-N
Clone:	TD.1
Immunogen:	The globular N-terminal domain of clathrin heavy chain Remarks: Mol. Wt. of Antigen: 192 kDa (Heavy chain)
Format:	State: Liquid ascites fluid Purification: Protein G chromatography Buffer System: 10 mM PBS, pH 7.4, with 0.2 % BSA and 0.09 % sodium azide
Applications:	Western Blotting (2): 1-2 µg/ml for 2hrs at RT. Positive Control: Placenta. Not suitable for Immunhistology and Immunoprecipitation. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	AM00525PU-N reacts with clathrin heavy chain. It does not recognize native clathrin but is useful in immunoblotting. Species: Human. Other species not tested.
Add. Information:	Cellular Localization: Cell membrane and cytoplasm
Storage:	Store the antibody at 2 - 8 °C up to one month or in aliquots at -20 °C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. AP Jackson et al. Nature 326:154-159, 1987. 2. IS Nathke et al. Cell 68:899-910, 1992.

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.



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