

Mouse anti-Clathrin Heavy Chain Purified, clone BF-06 (Monoclonal)

Clone no. BF-06

MONOSAN

Product name	Mouse anti-Clathrin Heavy Chain Purified, clone BF-06 (Monoclonal)
Host	Mouse
Applications	FC , IP, WB, ICC, ELISA
Species reactivity	Rat, Cow, Mouse, Human, Pig
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgM
Clonality	Monoclonal
Clone number	BF-06
Size	0.1 mg
Concentration	1 mg/ml
Format	Purified by sequential steps of physicochemical fractionation (differential
Storage buffer	Stabilizing Tris buffered saline (TBS), pH 8.0, 15 mM sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

Clathrin is a submembrane protein that polymerizes into coat-like lattices, which results in membrane invagination. The basic oligomers are composed of three clathrin heavy chain (180 kDa) and three light chain (30 kDa) subunits and the process of polymerization is dynamically regulated by the light chains. Interaction of clathrin with the plasma membrane is mediated by adaptor proteins (AP1-4) specific for different cellular compartments. Another proteins, such as endophilin, epsin and amphiphysin are involved in membrane invagination and clathrin rearrangements. Finally, dynamin functions at the fission stage of clathrin-mediated endocytosis. Specificity Mouse monoclonal antibody CLIC5-02 recognizes CLIC5a, a 32 kDa intracellular protein which associates with proteins of actin complexes. Crossreactivity with CLIC5b was not determined. Application details Flow cytometry: Recommended dilution: 2-5 µg/ml; positive control: human blood leukocytes. Intracellular staining.

References

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2. -
3. -
4. -
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