

Recombinant MYO1C Monoclonal Antibody

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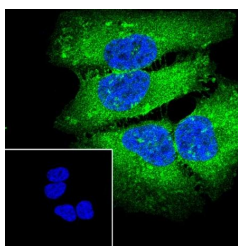
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Rat;Mouse
Immunogen	Recombinant human MYO1C fragment
Host	Rabbit
Isotype	IgG, κ
Clone	A610
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

WB	1:500-1:1000
IHC	1:50-1:100
IF	1:50



Immunofluorescent analysis of (4% Paraformaldehyde) fixed HeLa cells using anti-MYO1C Monoclonal Antibody at dilution of 1:50.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Myosin 1C (MYO1C) is a member of the unconventional myosin protein family, which are actin-based molecular motors. The protein is found in the cytoplasm, and one isoform with a unique N-terminus is also found in the nucleus. The nuclear isoform associates with RNA polymerase I and II and functions in transcription initiation. The mouse ortholog of this protein also functions in intracellular vesicle transport to the plasma membrane. The related gene myosin 1E has been referred to as myosin 1C in the literature, but it is a distinct locus on chromosome 19.

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