Elab Fluor® 647-conjugated beta actin Monoclonal Antibody

catalog number: **AN00295M**

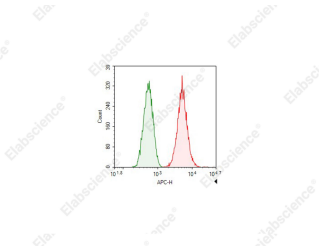
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Rat
Immunogen	Recombinant human Beta actin protein by E. Coli
Host	Mouse
Isotype	Mouse IgG1
Clone	3A9
Purification	Protein A/G Purification
Buffer	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

Applications	Recommended Dilution
FCM	0.2 μg per 10^6 cells in a 100 μL suspension

Data



1X10^6 C6 cells were intracellularly stained with 0.2 μg Elab Fluor® 647-conjugated beta actin Monoclonal Antibody (red), or 0.2 μg Elab Fluor® 647-conjugated beta actin Monoclonal Antibody Isotype Control (green).

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. Protected from prolonged exposure to light.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

Beta-actin (ACTB/ACTB) is one of six different actin isoforms in humans. Actins are highly conserved proteins that are involved in cell motility,structure and integrity. Beta actin is a major constituent of the contractile apparatus and one of the two nonmuscle cytoskeletal actins. Beta-actin gene is stably and constitutively expressed at high levels in most tissues and cells,and commonly used as a loading control for western blot and as a control for qPCR.

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