

FITC-conjugated beta Tubulin Monoclonal Antibody

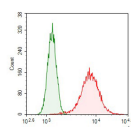
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Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description	
Reactivity	Human
Immunogen	Recombinant human TUBB protein by E. Coli
Host	Mouse
Isotype	IgG
Clone	2E8-2
Purification	Protein A/G Purification
Conjugation	FITC(Ex/Em:495nm/525nm)
Buffer	PBS with 0.05% Proclin300 and 0.1% gelatin, pH7.4

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

Data



1X10⁶ HeLa cells were intracellularly stained with 0.2 µg FITC-conjugated beta Tubulin Monoclonal Antibody (red), or 0.2 µg FITC-conjugated beta Tubulin Monoclonal Antibody Isotype Control (green).

Preparation & Storage	
Storage	Store at 4°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	
In eukaryotes there are six members of the tubulin superfamily. α - and β -tubulins polymerize into microtubules, a major component of the eukaryotic cytoskeleton. Microtubules function in many essential cellular processes, including mitosis. Both α and β tubulins have a mass of around 50 kDa. Tubulin was long thought to be specific to eukaryotes. Beta-tubulin gene is commonly used as a loading control for western blot.	