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anti-TUBG2 antibody (AA 400-434)

Images



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Overview	
Quantity:	200 μL
Target:	TUBG2
Binding Specificity:	AA 400-434
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TUBG2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)
Product Details	
Immunogen:	This gamma Tubulin antibody is generated from a rabbit immunized with a KLH conjugated
	synthetic peptide between 400-434 amino acids from the mouse region of mouse gamma
	Tubulin.
Clone:	RB58050
Isotype:	lg Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	TUBG2
Abstract:	TUBG2 Products

Target Details

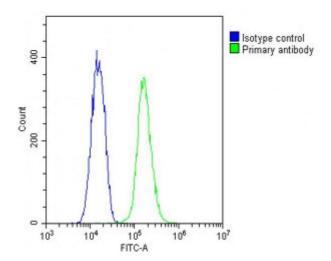
Background:	Tubulin is the major constituent of microtubules. The gamma chain is found at microtubule organizing centers (MTOC) such as the spindle poles or the centrosome. Pericentriolar matrix component that regulates alpha/beta chain minus-end nucleation, centrosome duplication and spindle formation (By similarity).
Molecular Weight:	51122
UniProt:	Q8VCK3
Pathways:	Microtubule Dynamics, M Phase

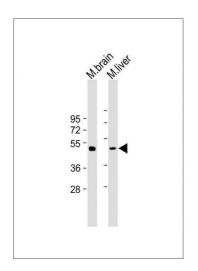
Application Details

Application Notes:	WB: 1:2000. FC: 1:25
Restrictions:	For Research Use only

Handling

Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Expiry Date:	6 months	





Flow Cytometry

Image 1. Overlay histogram showing C2C12 cells stained with (ABIN6242190 and ABIN6578880)(green line). The cells were fixed with 2% paraformaldehyde and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed at 1/200 dilution for 40 min at Room temperature. Isotype control antibody (blue line) was rabbit IgG1 (1 μ g/1x10^6 cells) used under the same conditions. Acquisition of >10, 000 events was performed.

Western Blotting

Image 2. All lanes: Anti-gamma Tubulin Antibody at 1:2000 dilution Lane 1: Mouse brain lysate Lane 2: Mouse liver lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 51 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.