

Product Datasheet

Anti-alpha-Tubulin FITC (orb44531)

Description	Mouse Monoclonal to alpha tubulin.
Reactivity	Aves, Human, Invertebrate, Mouse, Paramecium, Plant, Porcine, Yeast
Conjugation	FITC
Tested Applications	FC, ICC
Immunogen	Fraction of tubulin purified from porcine brain by two cycles of polymerization - depolymerization.
Target	alpha-Tubulin
Preservatives	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Concentration	1 mg/ml
Storage	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.
Note	For research use only
Application notes	Flow cytometry: Recommended dilution: 1-4 µg/ml. Intracellular staining.
Isotype	Mouse IgG1
Clonality	Monoclonal
Clone Number	TU-01
Purity	Purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Uniprot ID	Q71U36
Entrez	7277

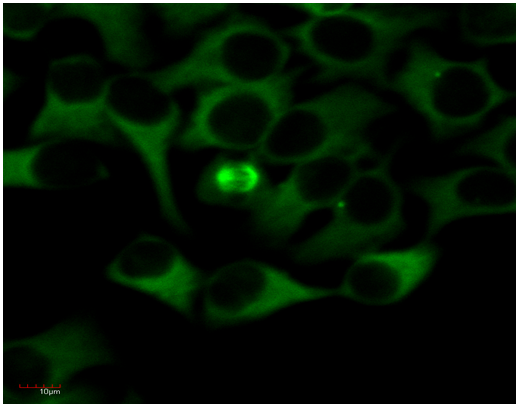
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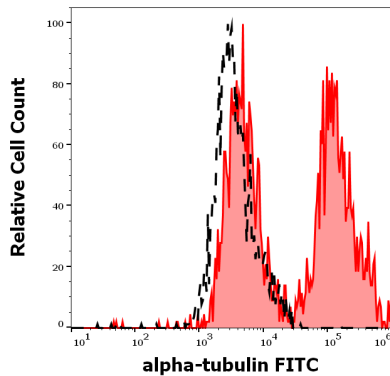
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Expiration Date 12 months from date of receipt.



Immunocytochemistry staining of alpha tubulin in HeLa cells using mouse monoclonal antibody TU-01 FITC.



Separation of HeLa cells stained using anti-human alpha-tubulin (TU-01) FITC antibody (concentration in sample 5 μg/ml, red-filled) from HeLa cells stained using mouse IgG1 isotype control (MOPC-21) FITC antibody (concentration in sample 5 μg/ml, same as alpha-tubulin FITC concentration, black-dashed) in flow cytometry analysis (intracellular staining) of HeLa cell suspension.

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