Product Datasheet

Anti-gamma-Tubulin Purified (orb44552)

Description	Mouse Monoclonal to gamma Tubulin.
Reactivity	Animal, Plant, Protozoa
Conjugation	Unconjugated
Tested Applications	ICC, WB
Immunogen	human gamma-tubulin peptide EYHAATRPDYISWGTQ, amino acids 434-449
Target	gamma-Tubulin
Preservatives	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Concentration	1 mg/ml
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Application notes	Western blotting: Recommended dilution: 1-2 µg/ml, reducing conditions. Immunocytochemistry: Methanol/acetone fixation required.
Isotype	Mouse IgG1
Clonality	Monoclonal
Clone Number	TU-32
Antibody Type	Primary Antibody
Purity	Purified by protein-A affinity chromatography.
Uniprot ID	**P23258**
Entrez	**7283**

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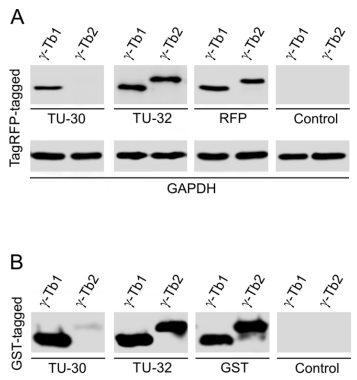
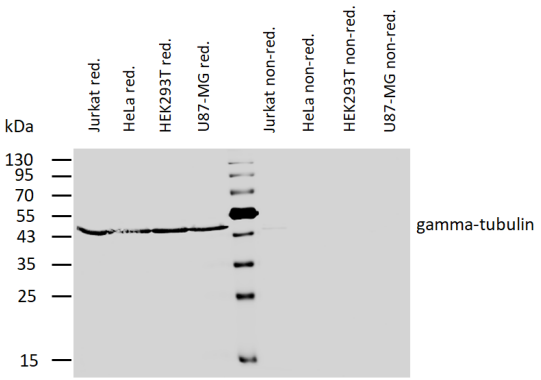
Expiration Date 12 months from date of receipt.



Western blotting analysis of differential reactivity of monoclonal antibodies to γ-tubulin with human γ-tubulin isotypes. (A) Immunoblots of total cell lysates from SH-SY5Y cells, expressing TagRFP-tagged human γ-tubulin 1 (γ-Tb1) or γ-tubulin 2 (γ-Tb2), probed with Abs to γ-tubulin (TU-30, TU-32), TagRFP (RFP) and GAPDH. In control samples, only secondary anti-mouse Ab was applied. (B) Immunoblots of immobilized GST-tagged human C-terminal regions (a.a. 362-451) of γ-Tb1 or γ-Tb2 probed with Abs to γ-tubulin (TU-30, TU-32) and GST. In control samples, only secondary anti-mouse Ab was applied.



Western blotting analysis of human gamma-tubulin using mouse monoclonal antibody TU-32 on lysates of various cell lines under reducing and non-reducing conditions. Nitrocellulose membrane was probed with 2 µg/ml of mouse anti-gamma-tubulin monoclonal antibody followed by IRDye800-conjugated anti-mouse secondary antibody. A specific band was detected for gamma-tubulin at approximately 46 kDa.

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