

Tubulin (Acetyl Lys40) antibody [6-11B-1]

Cat. No. GTX16292

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Applications	WB, ICC/IF, IHC-Wm, Dot, ELISA, EM, RIA
Reactivity	Human, Mouse, Rat, Zebrafish, Bovine, Dog, Hamster, Chicken, Pig, Monkey, Frog

References (8)
 Package
 100 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:2,000
ICC/IF	Assay dependent
IHC-Wm	Assay dependent
Dot	Assay dependent
ELISA	Assay dependent
EM	Assay dependent
RIA	Assay dependent

Not tested in other applications.

Calculated MW 50 kDa. ([Note](#))

Product Note

The antibody recognizes an epitope located on the $\alpha 3$ isoform of Chlamydomonas axonemal α -tubulin, within four residues of Lys-40 when this amino acid is acetylated. A sequence very similar to the one detected by the antibody in Chlamydomonas is found in the majority of α -tubulins, but the corresponding region is markedly divergent in some α -tubulin isoforms from chicken, Drosophila and yeast. The antibody has been used to detect acetylated α -tubulins in several organisms. Occasionally, the epitope recognized by the antibody may be absent or masked as it is in the kangaroo rat epithelial-like cell line PtK2.

Properties

Form	Liquid
Buffer	Ascites
Preservative	15mM Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

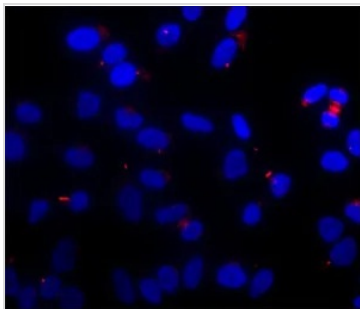


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Immunogen	acetylated α -tubulin from the outer arm of sea urchin sperm axonemes.
Purification	Unpurified
Conjugation	Unconjugated

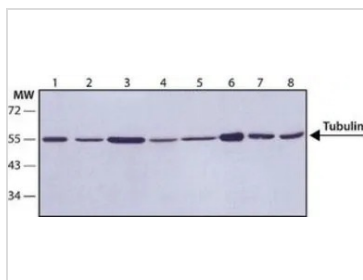
Note
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DATA IMAGES



GTX16292 ICC/IF Image

ICC/IF analysis of HeLa cells using GTX16292 Tubulin (Acetyl Lys40) antibody [6-11B-1] at 1:2000 (red) with DAPI(blue). Cells were fixed and permeabilized with 4% paraformaldehyde followed by 0.5% Triton™ X-100.



GTX16292 WB Image

WB analysis of (1)HeLa (2) U87 (3) COS7 (4) P19 (5) rat2 (6) CHO (7) MDBK (8) MDCK cells using GTX16292 Tubulin (Acetyl Lys40) antibody [6-11B-1] at 1:2,000.



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