À des fins de recherche uniquement

Anticorps Monoclonal anti-acetylated Tubulin(Lys40)

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Antibodies | ELISA kits | Proteins
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Numéro de catalogue:CL594-66200 2 Publications

Informations de base

Numéro de catalogue:
CL594-66200

Taille:
100ul , Concentration: 1000 μg/ml by Nanodrop and 1000 μg/ml by Bradford method using BSA as the standard;

Hôte:
Mouse

Isotype:
IgG1

Numéro d'acquisition GenBank:
NM_006009

Identification du gène (NCBI):
7846

Nom complet:
tubulin, alpha 1a

MW calculé
52 kDa

Méthode de purification:
Purification par protéine G

CloneNo.:
7E5H8

Dilutions recommandées:
IF 1:50-1:500

Excitation/Emission maxima wavelengths:
588 nm / 604 nm

Applications

Applications testées:
IF

Demandes citées:
IF

Spécificité de l'espèce:
canin, Humain, porc, rat, souris

Contrôles positifs:

IF : cellules MDCK,

Informations générales

Tubulin, composed of heterodimers of alpha and beta tubulin, is the mainly component of microtubules which play important roles in cell motility, mitosis, and intracellular vesicle transport. Both alpha and beta tubulin undergo several posttranslational modifications such as polyglutamylation and acetylation/deacetylation. Tubulin acetylation occurs on lysine-40 at the N-terminal of alpha tubulin and is conserved across species. The histone deacetylase HDAC6 and SIRT2 has been identified as tubulin deacetylases. Reversible acetylation of alpha tubulin may be implicated in regulating microtubule stability, cell motility, and axon regeneration. The level of acetylated tubulin has been linked to epithelial malignancies and sensitivity to chemotherapy. In addition, acetylated tubulin has been widely used as a marker for primary cilia. This antibody is specific to the acetylated tubulin; it does not recognize non-acetylated tubulin. (24268707, 23881549) And this anitbody is CL594(Ex/Em 593 nm/614 nm) conjugated.

Publications notables

Autrice	Pubmed ID	Journal	Application
Abhishek Chadha	34301828	J Neurosci	IF
Erika M Ellis	36977418	Curr Biol	IF

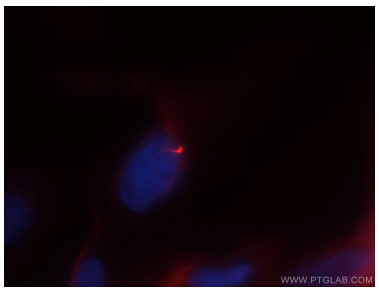
Stockage

Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1%de BSA.

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

Données de validation sélectionnées



Immunofluorescent analysis of (4% PFA) fixed MDCK cells using CL594-66200 (acetylated Tubulin(Lys40) antibody) at dilution of 1:100.