

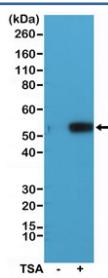
## Recombinant Acetylated Alpha Tubulin Antibody / TUBA4A (K40) [clone RM318] (R20337)

Catalog No.	Formulation	Size
R20337-0.1ML	Antibody in PBS with 50% glycerol, 1% BSA and 0.09% sodium azide	100 ul

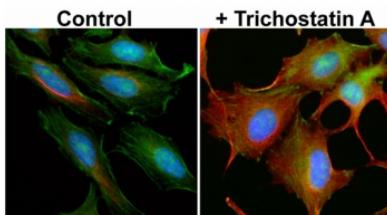
Recombinant RABBIT MONOCLONAL

**Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	RM318
Purity	Protein A purified from animal origin-free supernatant
UniProt	P68366
Applications	Western Blot : 1:1000-1:2000 Immunofluorescence/Immunocytochemistry : 1:1000-1:5000
Limitations	This recombinant Acetylated Alpha Tubulin antibody is available for research use only.



Western blot of extracts from human HeLa cells, untreated (-) or treated (+) with Trichostatin A (TSA), using the recombinant Acetylated Alpha Tubulin antibody at 1:1000.



IF/ICC testing of human HeLa cells, untreated (-) or treated (+) with Trichostatin A, with recombinant Acetylated Alpha Tubulin antibody (Red) at 1:5000. Green = actin filaments, Blue = DAPI nuclear counterstain.

## Description

The acetylated residue of alpha tubulin is K40, which is catalyzed by alpha tubulin acetyl-transferase (ÃŽÂ±-TAT) in humans. The acetylation of K40 on alpha tubulin is a hallmark of stable microtubules. [Wiki]

## Application Notes

The stated application concentrations are suggested starting points. Titration of the recombinant Acetylated Alpha Tubulin antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

An acetyl-peptide corresponding to the K40 region of human alpha tubulin was used as the immunogen for the recombinant Acetylated Alpha Tubulin antibody.

## Storage

Store the recombinant Acetylated Alpha Tubulin antibody at -20oC.