antibodies

# Datasheet for ABIN1742547 anti-alpha Tubulin antibody (AA 419-435)

4 Images

3 Publications



## Overview

Quantity:	100 µg
Target:	alpha Tubulin (TUBA1)
Binding Specificity:	AA 419-435
Reactivity:	Human, Mouse, Rat, Saccharomyces cerevisiae, Vertebrate, Invertebrate
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP), Immunocytochemistry (ICC)
Product Details	
Immunogen:	Synthetic peptide SEAREDMAALEKDYEEV (aa 419-435 in human alpha-tubulin) coupled to key-
	hole limpet hemocyanin via an added N -terminal cysteine residue.
Clone:	3A2
lsotype:	lgG1
Specificity:	Specific for alpha-tubulin (glu- and tyr-alpha-tubulin).
Purification:	purified IgG. Azide was added before lyophilization.
Target Details	
Target:	alpha Tubulin (TUBA1)

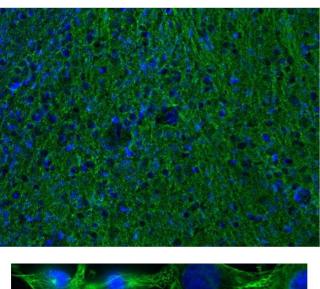
 Alternative Name:
 alpha-Tubulin (TUBA1 Products)

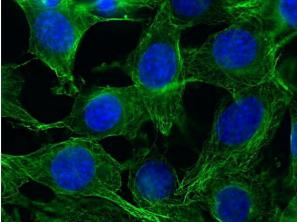
 Pathways:
 Microtubule Dynamics

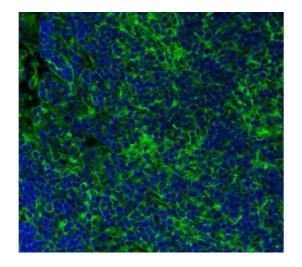
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Application Details	
Application Notes:	WB: 1 : 1000 up to 1 : 50000 (AP staining)
	ICC: 1 : 500 up to 1 : 1000
	IHC-P: 1 : 200
Comment:	ELISA: Suitable as capture antibodies for sandwich-ELISA with ABIN1742550 as detector
	antibody (protocol for sandwich-ELISA).
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	For reconstitution add 100 $\mu$ L H2O to get a 1mg/ml solution of antibody in PBS. Then aliquot
	and store at -20 °C until use.
Buffer:	PBS, 0.02% sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Handling Advice:	Do not store diluted antibody solutions unless you add detergent or carrier proteins such as
	goat serum, BSA or others. IgG sticks to glass and plastic. Any IgG solution below 0.1 mg/mL
	protein will quickly adsorb and denature and thus loose activity! Repetitive freeze-thawing of
	dilute purified IgG is almost certain to lead to substantial losses.
Storage:	-20 °C
Storage Comment:	Unlabeled antibodies are stable in this form without loss of quality at ambient temperatures for
	several weeks or even months. They can be stored at 4 °C for several years.
Publications	
Product cited in:	Otero, Fellows, Li, de Bizemont, Dirac, Gustafsson, Erdjument-Bromage, Tempst, Svejstrup: "
	Elongator, a multisubunit component of a novel RNA polymerase II holoenzyme for
	transcriptional elongation." in: <b>Molecular cell</b> , Vol. 3, Issue 1, pp. 109-18, (1999) (PubMed).

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## Immunohistochemistry

**Image 1.** Indirect immunostaining of PFA-fixed mouse brain section (dilution 1 : 500; green). Nuclei have been visualized by DAPI staining (blue).

### Immunocytochemistry

Image 2.

### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Indirect immunostaining of PFA-fixed paraffin embedded mouse spleen section (dilution 1 : 500; green). Nuclei have been visualized by DAPI staining (blue).

Please check the product details page for more images. Overall 4 images are available for ABIN1742547.

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