

Datasheet for ABIN7428434
anti-TUBB antibody (AA 170-419)[Go to Product page](#)

7 Images

Overview

Quantity:	100 µL
Target:	TUBB
Binding Specificity:	AA 170-419
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TUBB antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Tubulin Beta (TUBb)
Immunogen:	Recombinant Tubulin Beta (TUBb) corresponding to Val170~Val419 with N-terminal His Tag
Clone:	C3
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against TUBb. It has been selected for its ability to recognize TUBb in immunohistochemical staining and western blotting.
Cross-Reactivity:	Chicken, Cow, Goat, Guinea Pig, Mouse, Rat
Purification:	Protein A + Protein G affinity chromatography

Target Details

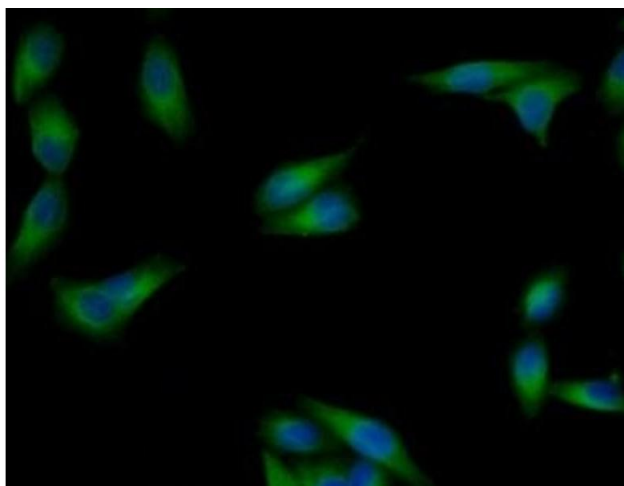
Target:	TUBB
Alternative Name:	Tubulin Beta (TUBB Products)
Background:	TUB-B, TUBB5, TUBB1, M40
Pathways:	Microtubule Dynamics, M Phase

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

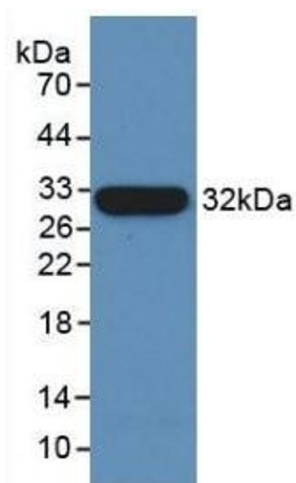
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



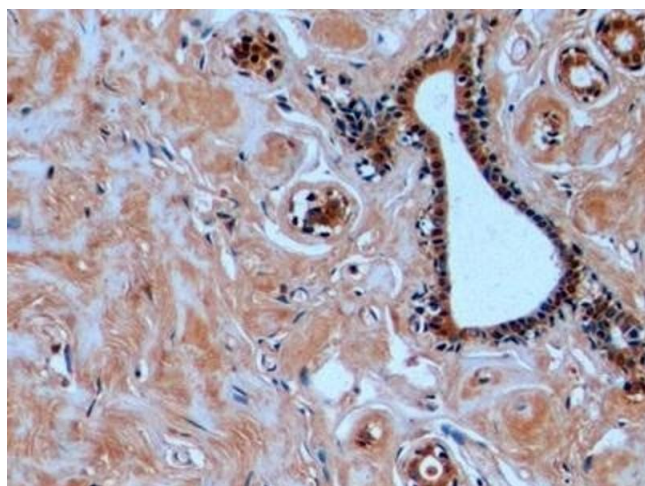
Immunohistochemistry

Image 1. Detection of TUBb in Human MCF7 Cells using Monoclonal Antibody to Tubulin Beta (TUBb)



Western Blotting

Image 2. Detection of Recombinant TUBb, Human using Monoclonal Antibody to Tubulin Beta (TUBb)



Immunohistochemistry

Image 3. Detection of TUBb in Human Mammary gland Tissue using Monoclonal Antibody to Tubulin Beta (TUBb)

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7428434.