Datasheet for ABIN7250329

anti-TUBE1 antibody

3 Images

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Overview

Quantity:	200 µL
Target:	TUBE1
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TUBE1 antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	Synthetic Peptide of Epsilon Tubulin
Clone:	3A1
Isotype:	IgG
Characteristics:	Monoclonal Antibody
Purification:	Protein A purification

Target Details

Target:	TUBE1
Alternative Name:	epsilon Tubulin (TUBE1 Products)
Background:	This gene encodes a member of the tubulin superfamily. This protein localizes to the centriolar sub-distal appendages that are associated with the older of the two centrioles after centrosome

Target Details

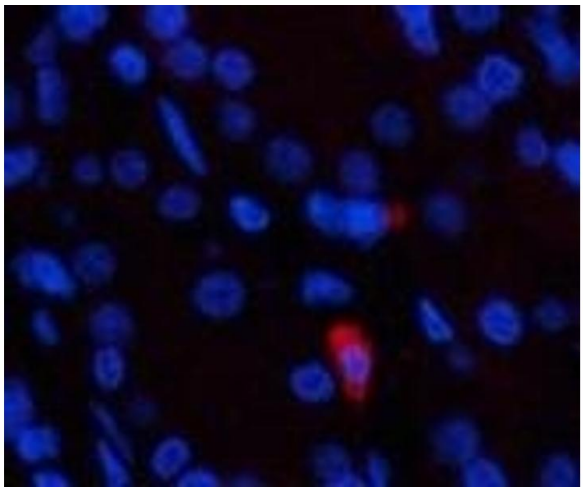
	duplication. This protein plays a central role in organization of the microtubules during centriole duplication. A pseudogene of this gene is found on chromosome 5. TUBE1 (Tubulin Epsilon 1) is a Protein Coding gene. Diseases associated with TUBE1 include Chronic Frontal Sinusitis and Frontal Sinusitis. Among its related pathways are Sertoli-Sertoli Cell Junction Dynamics and Chks in Checkpoint Regulation. GO annotations related to this gene include GTP binding and structural constituent of cytoskeleton. An important paralog of this gene is TUBB4B.
UniProt:	Q9UJT0
Pathways:	Microtubule Dynamics

Application Details

Application Notes:	IHC 1:50-1:200, IF 1:50-1:200
Restrictions:	For Research Use only

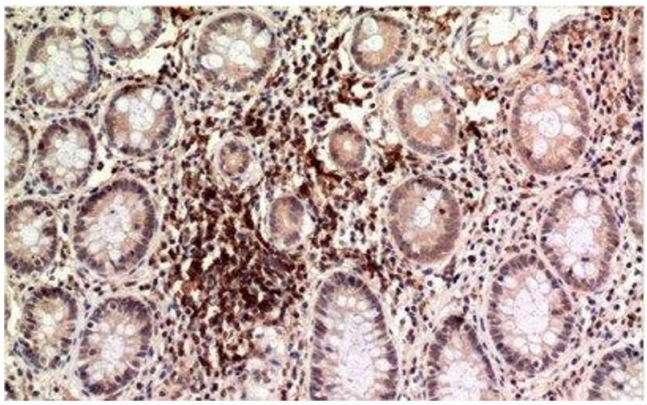
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 0.5 % BSA and 50 % glycerol, pH 7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



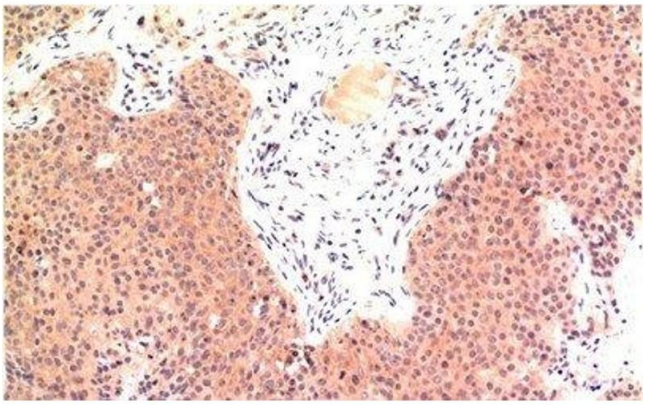
Immunofluorescence

Image 1. Immunofluorescence analysis of Human stomach tissue using Epsilon Tubulin Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded Human colon carcinoma tissue using Epsilon Tubulin Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human colon carcinoma tissue using Epsilon Tubulin Monoclonal Antibody at dilution of 1:200.

