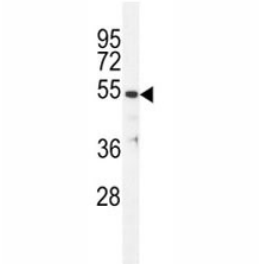
TUBB Antibody (F41687)

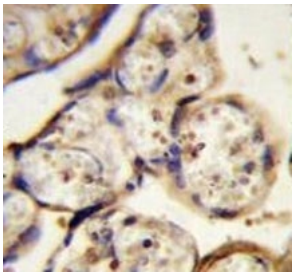
Catalog No.	Formulation	Size
F41687-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F41687-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q9H4B7
Applications	Western blot: 1:1000 IHC (Paraffin): 1:50-1:100
Limitations	This TUBB antibody is available for research use only.



TUBB antibody western blot analysis in ZR-75-1 lysate.



TUBB antibody immunohsitochemistry analysis in formalin fixed and paraffin embedded human placenta tissue.

Description

The tubulin family of globular proteins has several members, the most common of which are a-tubulin and b-tubulin; proteins which make up microtubules of the cytoskeltons of probably all eukaryotic cells. Except in the simplest eukaryotes, tubulin (100 kDa) exists in all cells as a heterodimer of two similar but non-identical polypeptides (55 kDa each), designated alpha and beta. Within either family of alpha/beta tubulin heterodimers, individual subunits diverge from each other (both within and across species) at less than 10% of the amino acid positions. The most extreme diversity is localized to the carboxyl-terminal 15 residues. Delta (d) and epsilon (e) tubulin have been found to localize at centrioles and may play a role in forming the mitotic spindle during mitosis, though neither is as well-studied as the a- and b-forms.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the TUBB antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 4-31 from the human protein was used as the immunogen for this TUBB antibody.

Storage

Aliquot the TUBB antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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