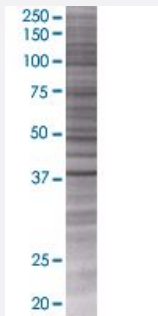


# TUBB1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00081027-T01

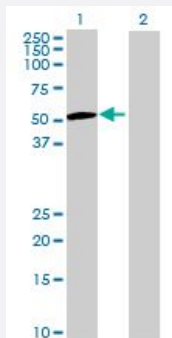
Size 100 uL

## Applications



### SDS-PAGE Gel

TUBB1 transfected lysate.



### Western Blot

Lane 1: TUBB1 transfected lysate ( 50.3 KDa)

Lane 2: Non-transfected lysate.

## Specification

Transfected Cell Line	293T
Plasmid	pCMV-TUBB1 full-length
Host	Human
Theoretical MW (kDa)	50.3
Interspecies Antigen Sequence	Mouse (91); Rat (91)

## Quality Control Testing

Transient overexpression cell lysate was tested with Anti-TUBB1 antibody ([H00081027-B01](#)) by Western Blots.  
SDS-PAGE Gel  
TUBB1 transfected lysate.  
Western Blot  
Lane 1: TUBB1 transfected lysate ( 50.3 KDa)  
Lane 2: Non-transfected lysate.

## Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

## Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot

## Gene Info — TUBB1

## Entrez GeneID

[81027](#)

## GeneBank Accession#

[NM\\_030773](#)

## Protein Accession#

[NP\\_110400](#)

## Gene Name

TUBB1

## Gene Alias

dJ543J19.4

## Gene Description

tubulin, beta 1

## Gene Ontology

[Hyperlink](#)

## Gene Summary

Microtubules are involved in a wide variety of cellular processes, including mitosis, morphogenesis, platelet formation, and mobility of cilia and flagella. Circulating platelets carry a single marginal microtubule coil that is wound in 8 to 12 turns and is responsible for platelet shape. TUBB1 is the major beta-tubulin expressed in platelets and megakaryocytes and is required for optimal platelet assembly (Wang et al., 1986 [PubMed 3782288]; Schulze et al., 2004 [PubMed 15315966]).[supplied by OMIM]

## Other Designations

OTTHUMP00000031411|beta tubulin 1, class VI

## Pathway

- [Gap junction](#)
- [Pathogenic Escherichia coli infection - EHEC](#)

## Disease

- [Cardiovascular Diseases](#)
- [Genetic Predisposition to Disease](#)
- [Hemorrhagic Disorders](#)
- [Myocardial Infarction](#)
- [Thrombocytopenia](#)
- [Thrombosis](#)