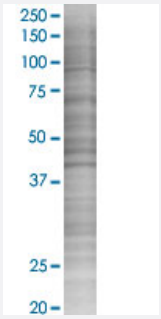
TUBB1 293T Cell Transient Overexpression Lysate(Denatured)

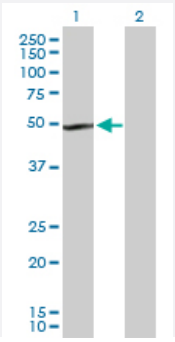
Catalog # H00081027-T02 Size 100 uL

Applications



SDS-PAGE Gel

TUBB1 transfected lysate.



Western Blot

Lane 1: TUBB1 transfected lysate (50.30 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-D01P) by Western Blots. SDS-PAGE Gel TUBB1 transfected lysate. Western Blot Lane 1: TUBB1 transfected lysate (50.30 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_110400.1
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