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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP55761_P050-FITC
Product Page	www.avivasysbio.com/tubb-antibody-n-terminal-region-fitc-arp55761-p050-fitc.html
Name	TUBB Antibody - N-terminal region : FITC (ARP55761_P050-FITC)
Protein Size (# AA)	444 amino acids
Molecular Weight	50kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	203068
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Tubulin, beta class I
Alias Symbols	M40, TUBB1, TUBB5, CDCBM6, CSCSC1, OK/SW-cl.56
Peptide Sequence	Synthetic peptide located within the following region: YHGSDSLQLDRISVYYNEATGGKYVPRAILVDLEPGTMDSVRSGPFGQIE
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Wiesen,K.M., (2007) Cancer Lett. 257 (2), 227-235
Description of Target	TUBB belongs to the tubulin family. Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha-chain.
Protein Interactions	HUWE1; UBC; TP53; FUS; MAGEA2B; CMTM5; MAL2; VCP; TUBG1; AURKA; SUMO2; LGALS3BP; EMD; CDKN1A; CDC20; AIRE; NEDD1; HAUS1; CEP76; HAUS2; TUBGCP4; CEP250; MAGED2; TUBGCP2; TUBGCP3; AURKB; STAU1; TBC1D3; STK24; TUBA1A; LGR4; MDM2; ZBTB1; RPA3; RPA2; RPA1; ATX
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-TUBB (ARP55761_P050-FITC) antibody
Blocking Peptide	For anti-TUBB (ARP55761_P050-FITC) antibody is Catalog# AAP55761 (Previous Catalog# AAPP33645)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human TUBB
Uniprot ID	P07437
Protein Name	Tubulin beta chain
Sample Type Confirmation	TUBB is strongly supported by BioGPS gene expression data to be expressed in HepG2
Protein Accession #	NP_821133
Purification	Affinity Purified
Nucleotide Accession #	NM_178014
Gene Symbol	TUBB
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Image 1	 A schematic diagram of an antibody molecule, represented as a Y-shape. It consists of two heavy chains (the inner vertical lines) and two light chains (the outer diagonal lines), all connected at their base. The two arms of the Y extend upwards and outwards, representing the antigen-binding sites.

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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