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TUBA4A / TUBA1 Antibody (clone 2E11)

Mouse Monoclonal Antibody
Catalog # ALS13511

Specification

TUBA4A / TUBA1 Antibody (clone 2E11) - Product Information

Application	**WB, IF, IHC**
Primary Accession	P68366
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Calculated MW	**50kDa KDa**

TUBA4A / TUBA1 Antibody (clone 2E11) - Additional Information

Gene ID 7277

Other Names
Tubulin alpha-4A chain, Alpha-tubulin 1, Testis-specific alpha-tubulin, Tubulin H2-alpha, Tubulin alpha-1 chain, TUBA4A, TUBA1

Reconstitution & Storage
Store at -20°C. Aliquot to avoid freeze/thaw cycles.

Precautions
TUBA4A / TUBA1 Antibody (clone 2E11) is for research use only and not for use in diagnostic or therapeutic procedures.

TUBA4A / TUBA1 Antibody (clone 2E11) - Protein Information

Name TUBA4A

Synonyms TUBA1

Function
Tubulin is the major constituent of microtubules, a cylinder consisting of laterally associated linear protofilaments composed of alpha- and beta-tubulin heterodimers. Microtubules grow by the addition of GTP-tubulin dimers to the microtubule end, where a stabilizing cap forms. Below the cap, tubulin dimers are in GDP-bound state, owing to GTPase activity of alpha-tubulin.

Cellular Location
Cytoplasm, cytoskeleton.

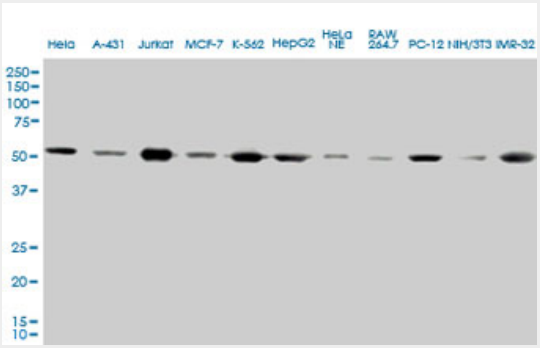
TUBA4A / TUBA1 Antibody (clone 2E11) - Protocols

Provided below are standard protocols that you may find useful for product applications.

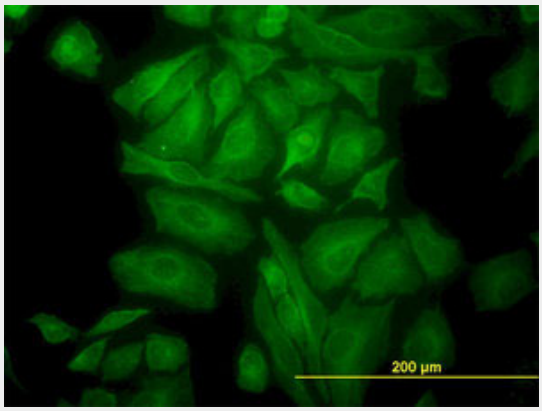
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- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

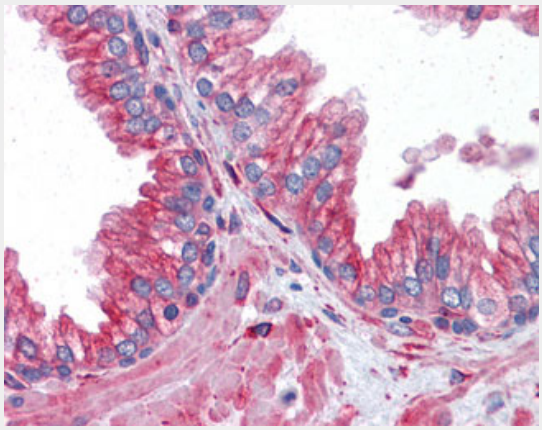
TUBA4A / TUBA1 Antibody (clone 2E11) - Images



TUBA1 monoclonal antibody, clone 2E11.

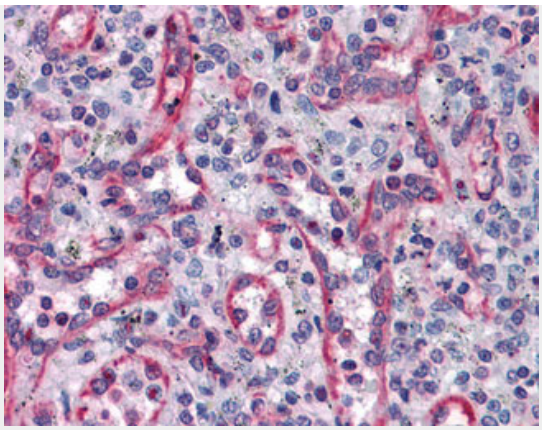


Immunofluorescence of monoclonal antibody to TUBA1 on HeLa cell (antibody concentration 10 ug/ml).

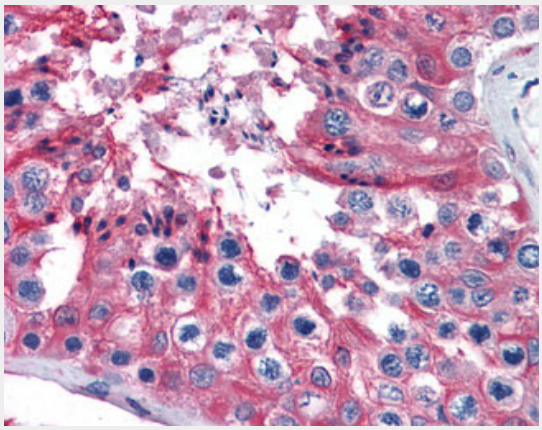


Anti-TUBA4A antibody IHC of human prostate.

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Anti-TUBA4A antibody IHC of human spleen.



Anti-TUBA4A antibody IHC of human testis.

TUBA4A / TUBA1 Antibody (clone 2E11) - Background

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.

TUBA4A / TUBA1 Antibody (clone 2E11) - References

Dobner P.R.,et al.Nucleic Acids Res. 15:199-218(1987).
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Hillier L.W.,et al.Nature 434:724-731(2005).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.