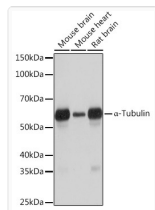
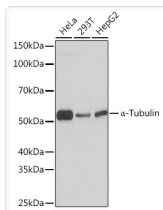


Anti-TUBA4A antibody (349-448) [S9MR] (STJ11102329)

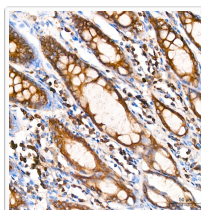
GENERAL INFORMATION	
Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/IP/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat
PRODUCT PROPERTIES	
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:6000 IHC-P:1:200-1:2000 IF/CC:1:100-1:800 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your sp
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 50kDa Observed Mw: 50kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
TARGET INFORMATION	
Gene ID	7277
Gene Symbol	TUBA4A
UniProt ID	TBA4A_HUMAN
Immunogen Region	349-448
Immunogen Sequence	TGFKVGINYQPPTVVPGGDL AKVQRAVCMLSNTTAIAEAW ARLDHKFDLMYAKRAFWHWY VGEGMEEGEFSEAREDMAAL EKDYEEVGIDSYEDEDEGEE
Specificity	A synthetic peptide corresponding to a sequence within amino acids 349-448 of human Alpha-Tubulin (P68366).
ADDITIONAL INFORMATION	
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



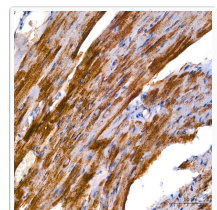
Western blot analysis of extracts of various cell lines, using Alpha-Tubulin rabbit monoclonal antibody (STJ11102329) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3s.



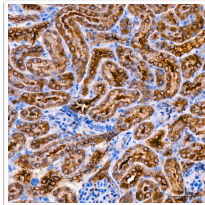
Immunohistochemistry analysis of paraffin-embedded human colon using Alpha-Tubulin rabbit monoclonal antibody (STJ11102329) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



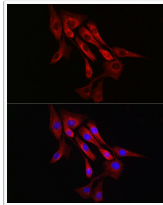
Immunohistochemistry analysis of paraffin-embedded mouse heart using Alpha-Tubulin rabbit monoclonal antibody (STJ11102329) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



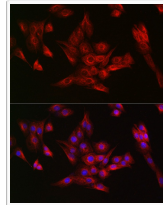
Immunohistochemistry analysis of paraffin-embedded mouse kidney using Alpha-Tubulin rabbit monoclonal antibody (STJ11102329) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



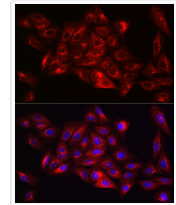
Immunofluorescence analysis of NIH/3T3 cells using Alpha-Tubulin rabbit monoclonal antibody (STJ11102329) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using Alpha-Tubulin rabbit monoclonal antibody (STJ11102329) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using Alpha-Tubulin rabbit monoclonal antibody (STJ11102329) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunoprecipitation analysis of 300 Mu g extracts from HeLa cells using 3 Mu g Alpha-Tubulin rabbit monoclonal antibody (STJ11102329). Western blot was performed from the immunoprecipitate using Alpha-Tubulin rabbit monoclonal antibody (STJ11102329) at a dilution of 1:1000.

