

Product datasheet for **TA503129AM**

beta IV Tubulin (TUBB4A) Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI5C1]

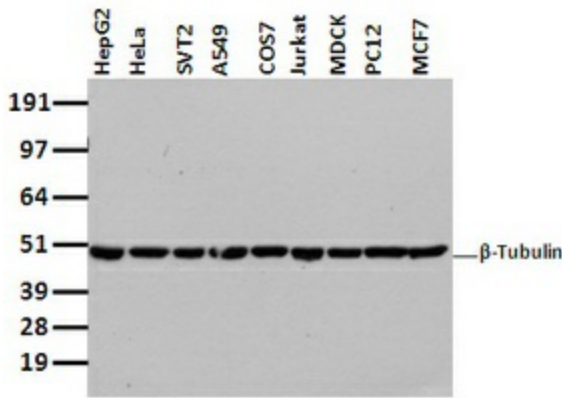
Product data:

| | |
|-------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI5C1 |
| Applications: | FC, IF, IHC, WB |
| Recommended Dilution: | WB 1:500-2000, IHC 1:150, IF 1:100, FC 1:100 |
| Reactivity: | Human, Dog, Rat, Monkey, Mouse |
| Host: | Mouse |
| Isotype: | IgG2b |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human TUBB4 (NP_006078) produced in HEK293T cell. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Concentration: | 0.5 mg/ml |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Biotin |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 49.4 kDa |
| Gene Name: | tubulin beta 4A class IVa |
| Database Link: | NP_006078 Entrez Gene 22153 Mouse Entrez Gene 29213 Rat Entrez Gene 100855815 Dog Entrez Gene 703019 Monkey Entrez Gene 10382 Human P04350 |
| Synonyms: | beta-5; DYT4; TUBB4 |
| Protein Families: | Druggable Genome |
| Protein Pathways: | Gap junction, Pathogenic Escherichia coli infection |

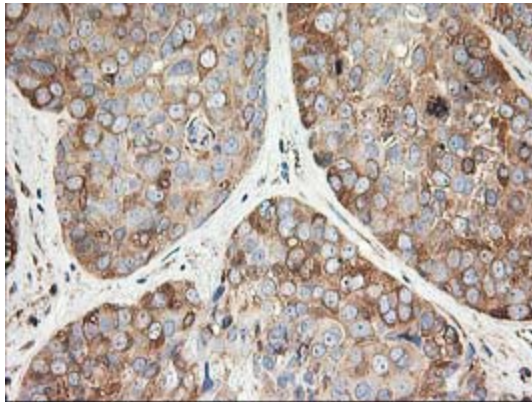


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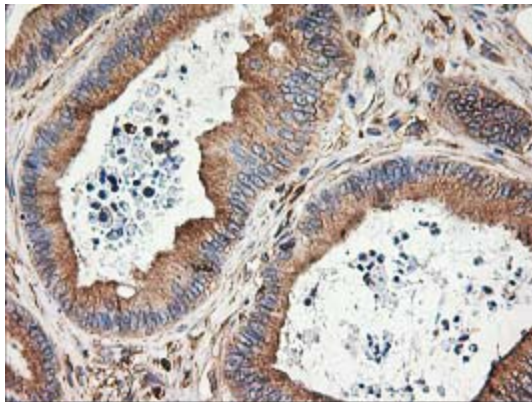
Product images:



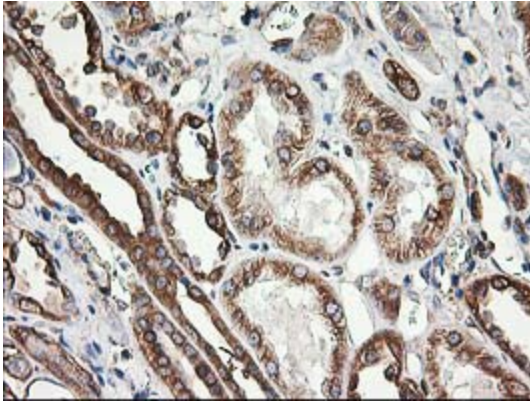
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-TUBB4 monoclonal antibody.



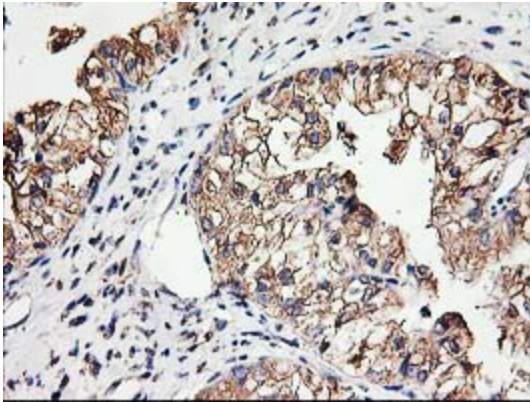
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-TUBB4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503129])



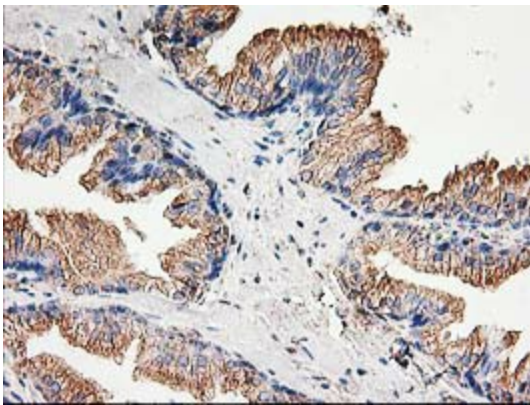
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-TUBB4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503129])



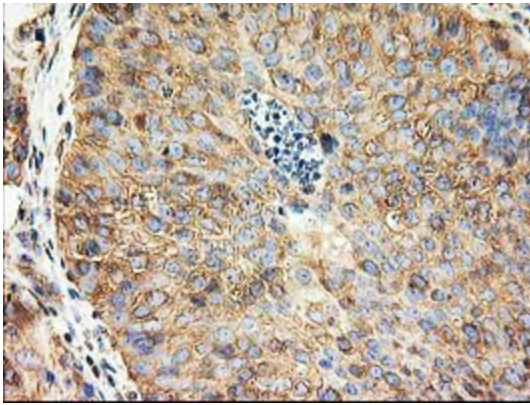
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-TUBB4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503129])



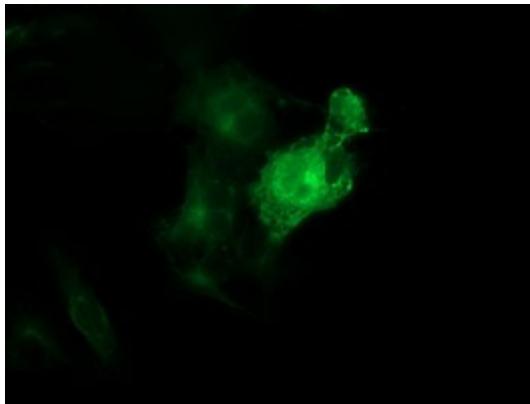
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-TUBB4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503129])



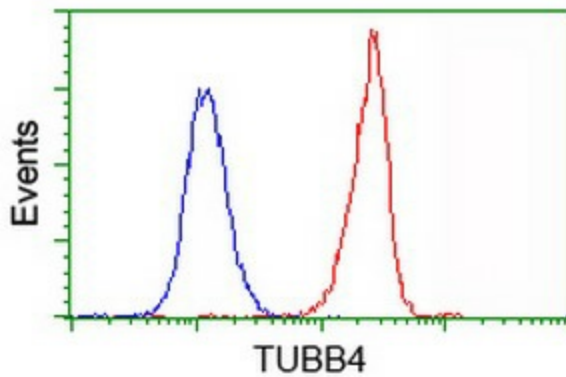
Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-TUBB4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503129])



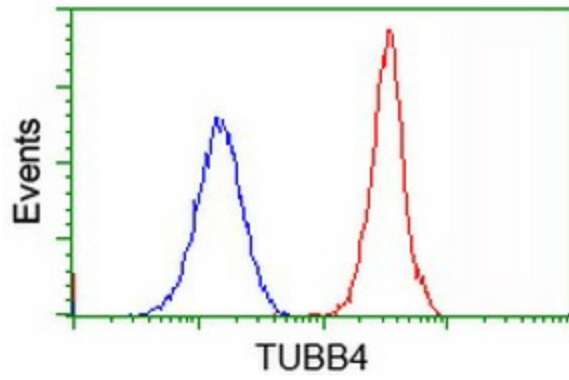
Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-TUBB4 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA503129])



Anti-TUBB4 mouse monoclonal antibody ([TA503129]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY TUBB4 ([RC203945]).



Flow cytometric Analysis of HeLa cells, using anti-TUBB4 antibody ([TA503129]), (Red), compared to a nonspecific negative control antibody, (Blue).



Flow cytometric Analysis of Jurkat cells, using anti-TUBB4 antibody ([TA503129]), (Red), compared to a nonspecific negative control antibody, (Blue).