

Product datasheet for **CF501261**

TACC3 Mouse Monoclonal Antibody [Clone ID: OTI6F1]

Product data:

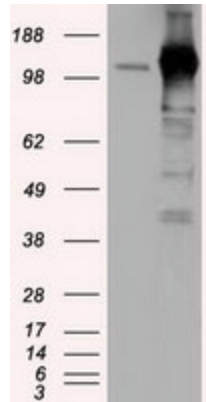
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|-------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI6F1 |
| Applications: | FC, IF, IHC, WB |
| Recommended Dilution: | WB 1:1000~2000, IHC 1:50, IF 1:100, FLOW 1:100 |
| Reactivity: | Human, Monkey |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human TACC3(NP_006333) produced in HEK293T cell. |
| Formulation: | Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose) |
| Reconstitution Method: | For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific) |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 90.2 kDa |
| Gene Name: | Homo sapiens transforming acidic coiled-coil containing protein 3 (TACC3), mRNA. |
| Database Link: | NP_006333 Entrez Gene 712898 Monkey Entrez Gene 10460 Human Q9Y6A5 |
| Background: | The function of this gene has not yet been determined; however, it is speculated that it may be involved in cell growth and differentiation. Expression of this gene is up-regulated in some cancer cell lines, and in embryonic day 15 in mice. |



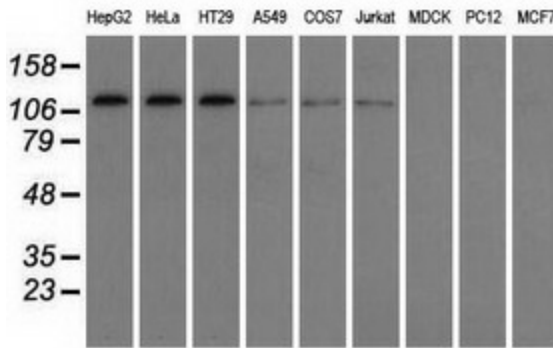
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Synonyms: ERIC-1; ERIC1

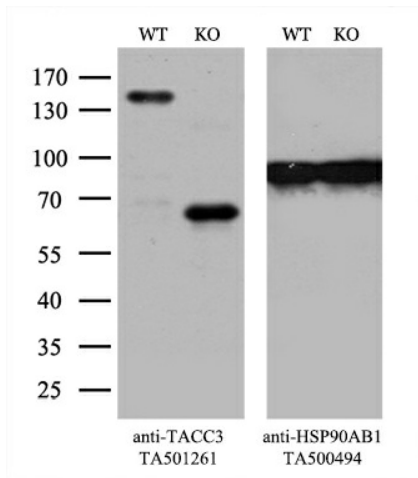
Product images:



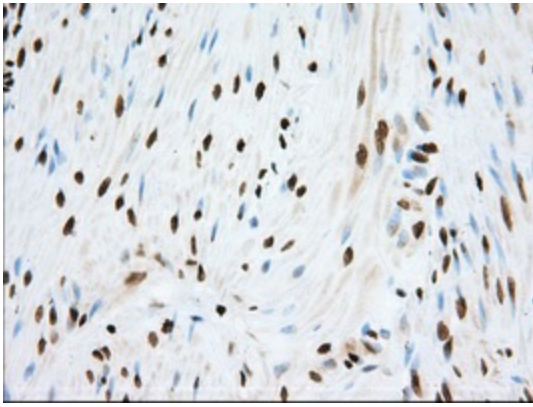
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY TACC3 ([RC210754], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TACC3. Positive lysates [LY416710] (100ug) and [LC416710] (20ug) can be purchased separately from OriGene.



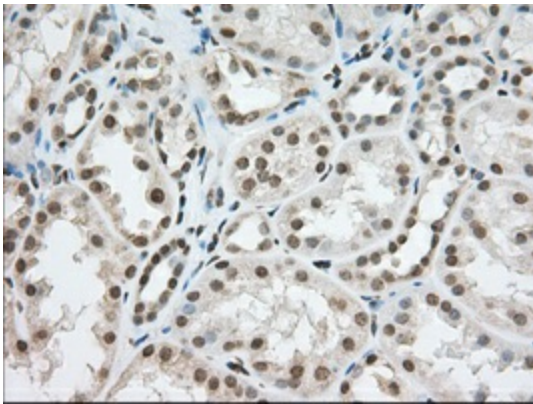
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-TACC3 monoclonal antibody.



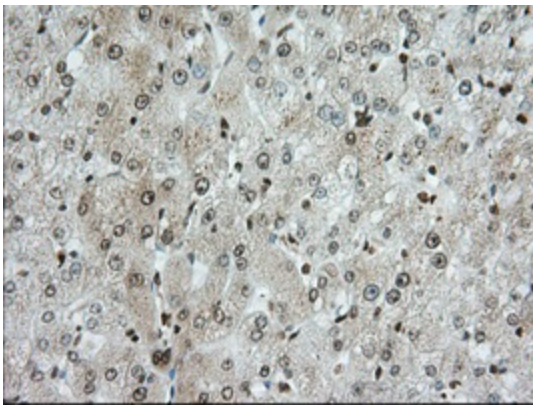
Equivalent amounts of cell lysates (10 ug per lane) of wild-type 293T cells (WT, Cat# LC810293T) and TACC3-Knockout 293T cells (KO, Cat# [LC812337]) were separated by SDS-PAGE and immunoblotted with anti-TACC3 monoclonal antibody [TA501261], (1:200). Then the blotted membrane was stripped and reprobed with anti-HSP90AB1 antibody ([TA500494]) as a loading control.



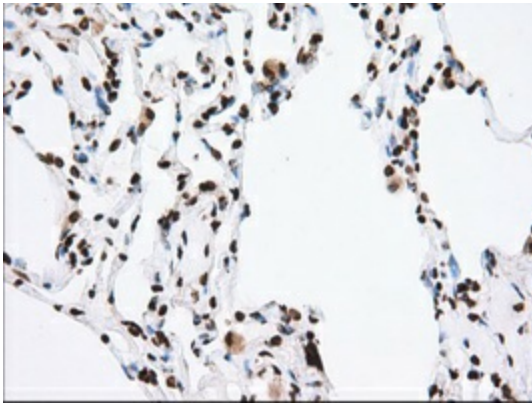
Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-TACC3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501261], Dilution 1:50)



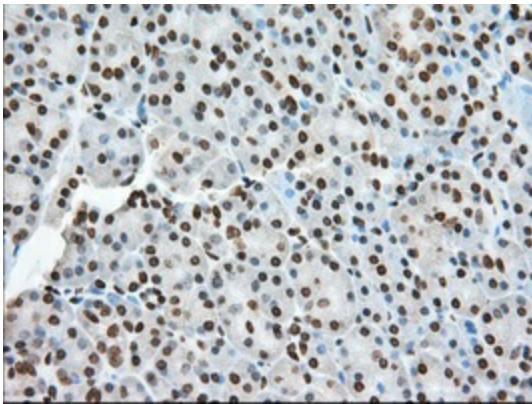
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-TACC3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501261], Dilution 1:50)



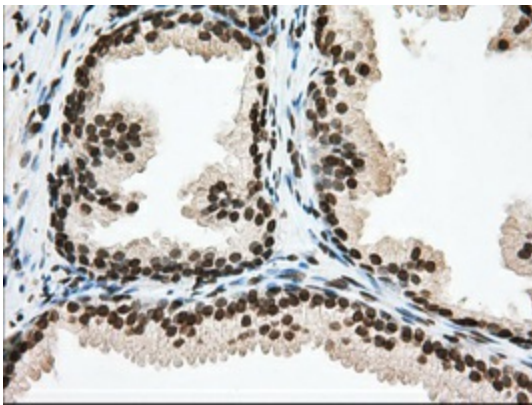
Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-TACC3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501261], Dilution 1:50)



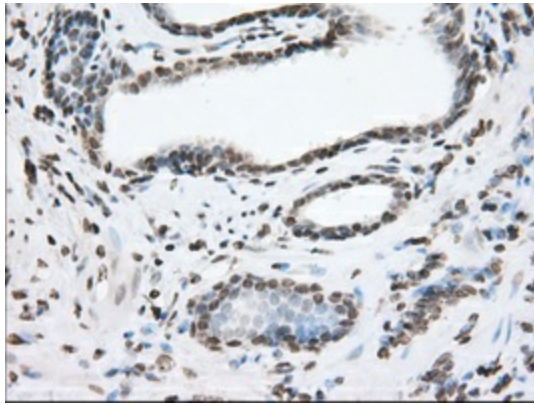
Immunohistochemical staining of paraffin-embedded Human lung tissue within the normal limits using anti-TACC3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501261], Dilution 1:50)



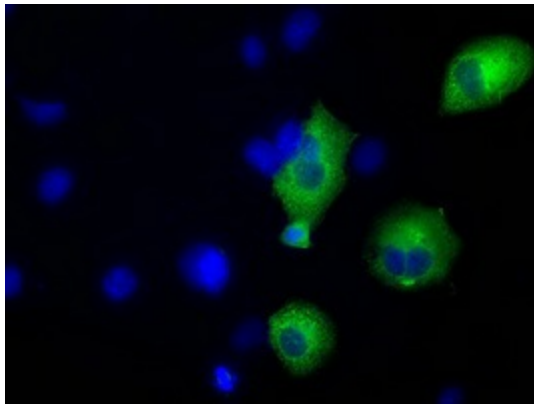
Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-TACC3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501261], Dilution 1:50)



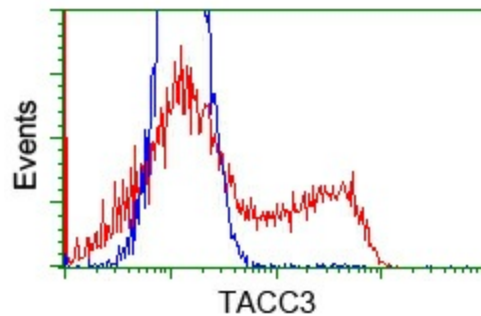
Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-TACC3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501261], Dilution 1:50)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-TACC3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA501261], Dilution 1:50)



Anti-TACC3 mouse monoclonal antibody ([TA501261]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY TACC3 ([RC210754]).



HEK293T cells transfected with either [RC210754] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-TACC3 antibody ([TA501261]), and then analyzed by flow cytometry.