

Product datasheet for **CF501264**

TACC3 Mouse Monoclonal Antibody [Clone ID: OTI6H4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI6H4
Applications:	FC, IF, WB
Recommended Dilution:	WB 1:500~2000, 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:	transforming acidic coiled-coil containing protein 3
Database Link:	NP_006333 Entrez Gene 712898 Monkey Entrez Gene 10460 Human Q9Y6A5



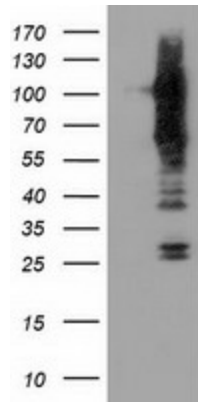
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Background:

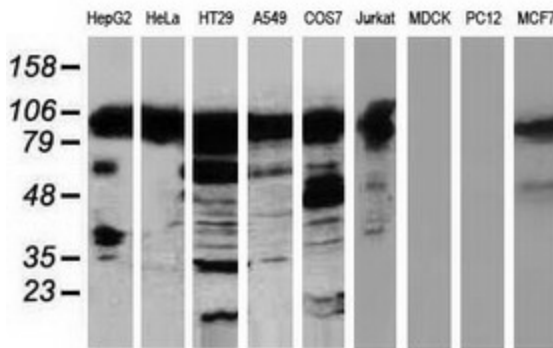
This gene encodes a member of the transforming acidic coiled-coil protein family. The encoded protein is a motor spindle protein that may play a role in stabilization of the mitotic spindle. This protein may also play a role in growth and differentiation of certain cancer cells. [provided by RefSeq, Nov]

Synonyms:

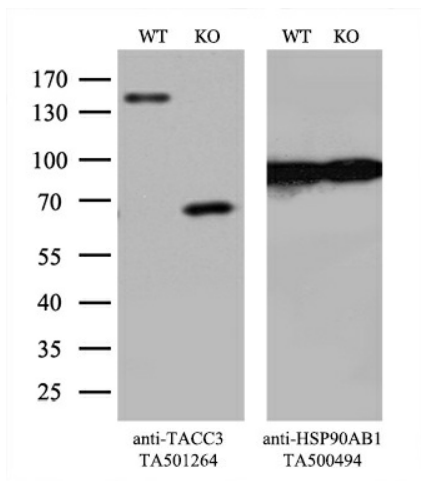
ERIC-1; ERIC1

Product images:


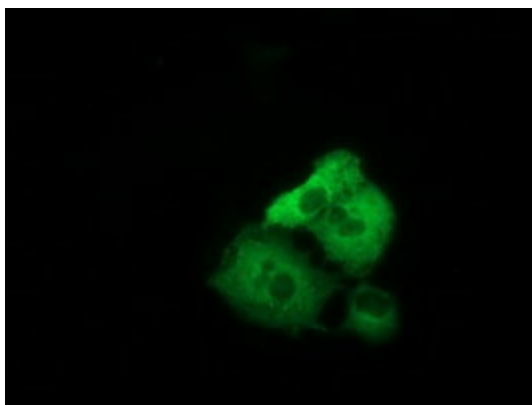
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY TACC3 ([RC210754], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-TACC3. Positive lysates [LY416710] (100ug) and [LC416710]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



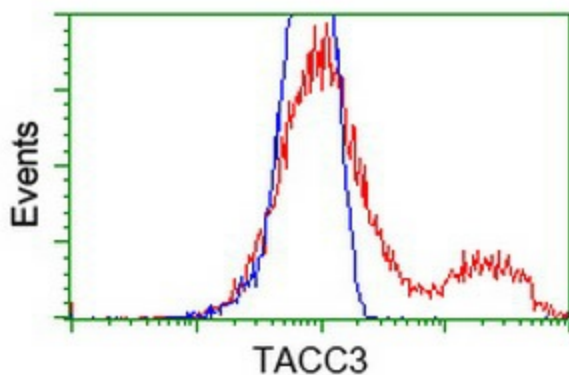
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-TACC3 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



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 [TA501264], (1:200). Then the blotted membrane was stripped and reprobed with anti-HSP90AB1 antibody ([TA500494]) as a loading control.



Anti-TACC3 mouse monoclonal antibody ([TA501264]) 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 ([TA501264]), and then analyzed by flow cytometry.