

TACC3 Rabbit mAb

Catalog No: #48721

Package Size: #48721-1 50ul #48721-2 100ul

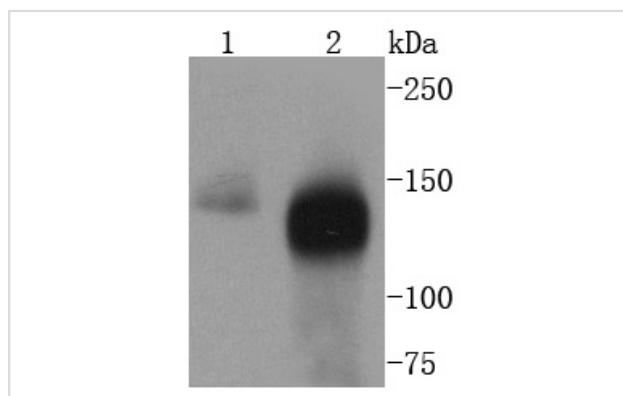
Description

Product Name	TACC3 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	SY10-06
Purification	ProA affinity purified
Applications	WB, ICC/IF, IHC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Unconjugated
Other Names	ERIC 1 antibody ERIC-1 antibody ERIC1 antibody MGC117382 antibody MGC133242 antibody OTTHUMP00000113796 antibody TACC3 antibody TACC3_HUMAN antibody Transforming acidic coiled coil containing protein 3 antibody Transforming acidic coiled-coil-containing protein 3 antibody
Accession No.	Swiss-Prot#:Q9Y6A5
Calculated MW	140 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

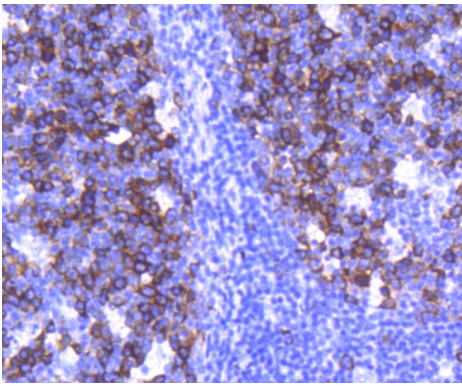
Application Details

WB: 1:1,000-5,000IHC: 1:50-1:200ICC: 1:50-1:200

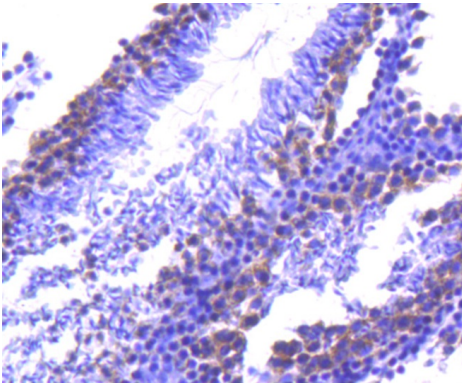
Images



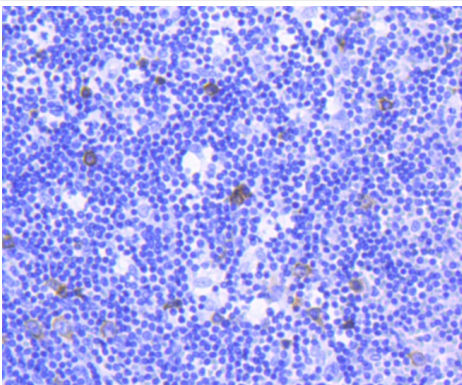
Western blot analysis of TACC3 on different lysates using anti-TACC3 antibody at 1/1,000 dilution. Positive control:
Lane 1: HT29 Lane 2: Hela



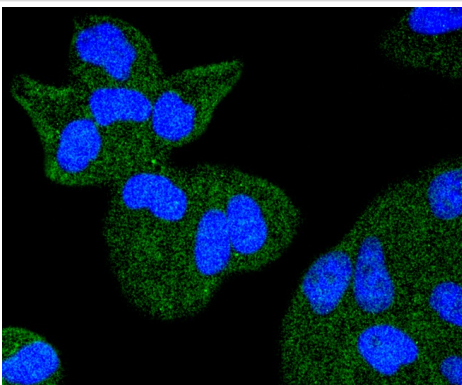
Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-TACC3 antibody. Counter stained with hematoxylin.



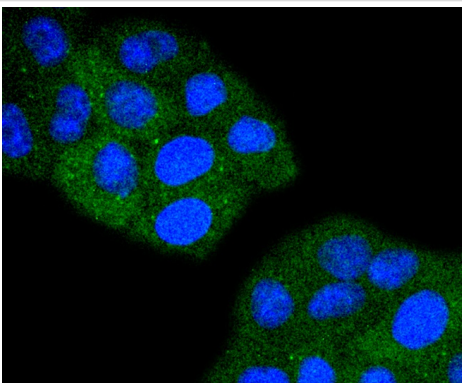
Immunohistochemical analysis of paraffin-embedded mouse testis tissue using anti-TACC3 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-TACC3 antibody. Counter stained with hematoxylin.



ICC staining TACC3 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining TACC3 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Background

TACC1 (transforming acidic coiled coil gene 1) is one of three TACC family members, which are thought to be involved in breast tumorigenesis. TACC1 is located on 8p11 chromosomal region that is amplified in approximately 15% of all breast tumor samples. The short arm of chromosome 8 also contains FGFR1 whose expression is enhanced in most breast cancer tumors. TACC family members, TACC1, TACC2, and TACC3, map very closely to the corresponding FGFR1, FGFR2, FGFR3 genes on chromosomes 8, 10, and 4. Subsequently, since they are phylogenetically related, it is proposed that TACC and FGFR have similar roles in cell growth and differentiation. Also, TACC1 contains a conserved C-terminal region as in the *Drosophila* homolog, D-TACC. It has been shown that D-TACC is necessary for normal spindle function, and the mammalian TACC proteins appears to interact with centrosomes and microtubules in a similar manner.

References

Note: This product is for in vitro research use only and is not intended for use in humans or animals.