

# TACC3 Rabbit mAb

Catalog No.: A19617 **Recombinant**

## Basic Information

**Observed MW**

140kDa

**Calculated MW**

90kDa

**Category**

Primary antibody

**Applications**

ELISA,WB,IHC-P,IF/ICC

**Cross-Reactivity**

Human, Mouse, Rat

**CloneNo number**

ARC2195

## Background

TACC3, also known as ERIC 1, belongs to the TACC family. 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. It plays a role in the microtubule-dependent coupling of the nucleus and the centrosome and involved in the processes that regulate centrosome-mediated interkinetic nuclear migration (INM) of neural progenitors.

## Recommended Dilutions

<b>WB</b>	1:500 - 1:1000
<b>IHC-P</b>	1:50 - 1:200
<b>IF/ICC</b>	1:50 - 1:200

## Immunogen Information

**Gene ID**

10460

**Swiss Prot**

Q9Y6A5

**Immunogen**

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human TACC3 (NP\_006333.1).

**Synonyms**

ERIC1; Tacc4; ERIC-1; maskin; TACC3

## Contact

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## Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

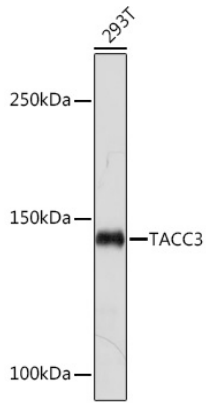
Affinity purification

**Storage**

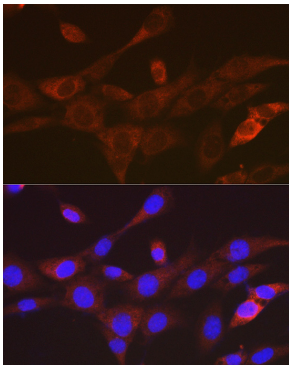
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

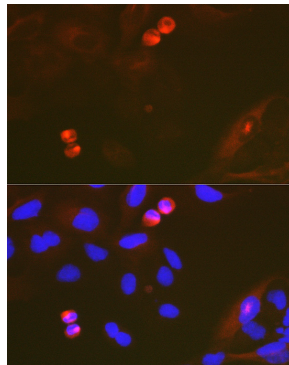
## Validation Data



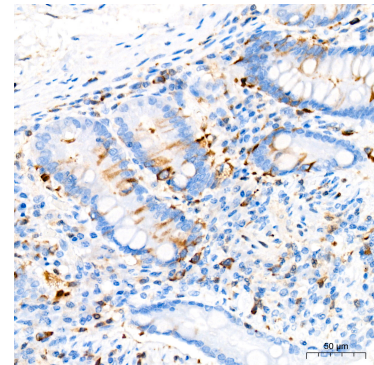
Western blot analysis of lysates from 293T cells, using TACC3 Rabbit mAb (A19617) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



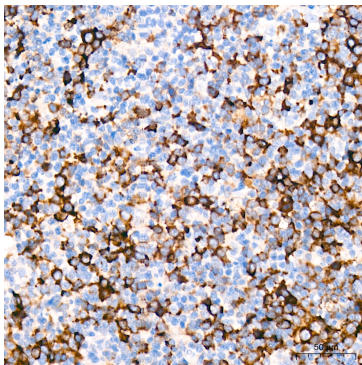
Immunofluorescence analysis of NIH/3T3 cells using TACC3 Rabbit mAb (A19617) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using TACC3 Rabbit mAb (A19617) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of TACC3 in paraffin-embedded human colon tissue using TACC3 Rabbit mAb (A19617) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of TACC3 in paraffin-embedded human tonsil tissue using TACC3 Rabbit mAb (A19617) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.