

For Research Use Only

# Anti-Human TACSTD2/TROP2 Rabbit Recombinant Antibody

Catalog Number: 98465-2-RR



## Basic Information

Catalog Number:

98465-2-RR

Size:

100ug , 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG3329

GenBank Accession Number:

BC009409

GeneID (NCBI):

4070

UNIPROT ID:

P09758

Full Name:

tumor-associated calcium signal transducer 2

Calculated MW:

36 kDa

Purification Method:

Protein A purification

CloneNo.:

250382A12

Recommended Dilutions:

FC: 0.25 ug per 10<sup>6</sup> cells in a 100 µl suspension

## Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : MCF-7 cells,

## Background Information

Trophoblast cell surface antigen 2 (TROP2), also named as TACSTD2, is a transmembrane glycoprotein. TROP2 plays a role in transducing intracellular calcium signals. It is expressed in trophoblast cells, cornea and multi-stratified epithelia. TROP2 is overexpressed in most carcinomas and is involved in cancer proliferation, migration, invasion, and metastasis. Congenital mutations of TROP2 cause a rare autosomal recessive disease which may lead to blindness-the gelatinous drop-like corneal disease (PMID: 35688908).

## Storage

Storage:

Store at 2 - 8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

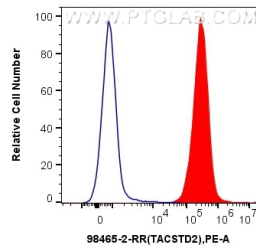
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



1x10<sup>6</sup> MCF-7 cells were surface stained with 0.25 ug Anti-Human TACSTD2/TROP2 Rabbit RecAb (98465-2-RR, Clone: 250382A12) (red) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.