

For Research Use Only

Anti-Human TACSTD2/TROP2 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98465-2-PBS



Basic Information

Catalog Number:

98465-2-PBS

Size:

1mg, 3 mg/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

Applications

Tested Applications:

FC

Species Specificity:

human

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 -80°C.

Storage Buffer:

PBS only, pH7.3

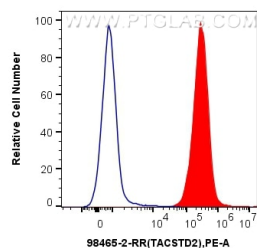
For technical support and original validation data for this product please contact:

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Selected Validation Data



1x10⁶ 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. This data was developed using the same antibody clone with 98465-2-PBS in a different storage buffer formulation.