

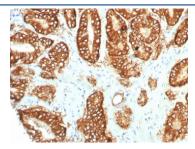
# TROP2 Antibody / TACSTD2 [clone TACSTD2/7349R] (V4667)

Catalog No.	Formulation	Size
V4667-100UG	0.2~mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4667-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4667SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

#### Recombinant RABBIT MONOCLONAL

#### **Bulk quote request**

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	TACSTD2/7349R
Purity	Protein A/G affinity
UniProt	P09758
Localization	Cell surface
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Limitations	This TROP2 antibody is available for research use only.



IHC staining of FFPE human prostate carcinoma tissue with TROP2 antibody (clone TACSTD2/7349R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

### **Description**

TACSTD2/TROP2 is a cell surface glycoprotein receptor. It is a single pass type I membrane protein containing one thyroglobulin type-1 domain, an epidermal growth factor-like repeat, a phosphatidylinositol binding site and tyrosine phosphorylation sites near the C-terminus. It plays a role in transducing intracellular calcium signals. It is expressed in trophoblast cells, cornea and multi-stratified epithelia. It is also highly expressed in several types of tumors and is involved

in regulating the growth of carcinoma cells.

## **Application Notes**

Optimal dilution of the TROP2 antibody should be determined by the researcher.

### **Immunogen**

A recombinant partial protein sequence (within amino acids 232-323) from the human protein was used as the immunogen for the TROP2 antibody.

### **Storage**

Aliquot the TROP2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.