

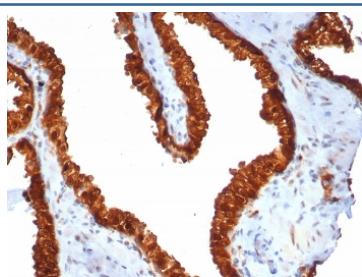
## TROP2 Antibody / TACSTD2 [clone TACSTD2/7348R] (V4666)

Catalog No.	Formulation	Size
V4666-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4666-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4666SAF-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
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	TACSTD2/7348R
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 TACSTD2 antibody (clone TACSTD2/7348R). 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 fragment of human TACSTD2 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.