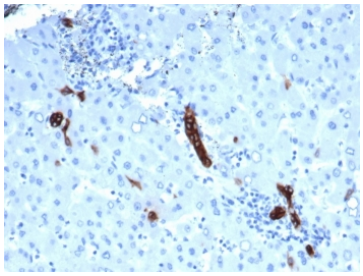
Recombinant TROP2 Antibody / TACSTD2 [clone rTACSTD2/6395] (V9301)

Catalog No.	Formulation	Size
V9301-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9301-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9301SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

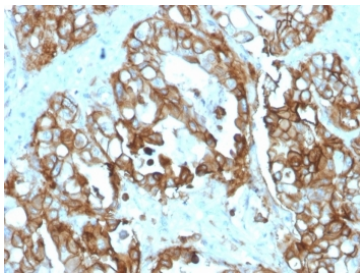
Recombinant MOUSE MONOCLONAL

Bulk quote request

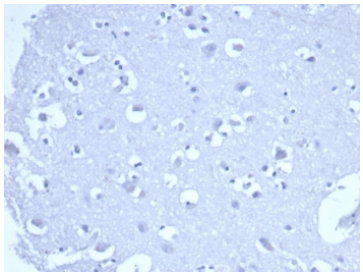
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG1, kappa
Clone Name	rTACSTD2/6395
Purity	Protein A/G affinity
UniProt	P09758
Localization	Cell Surface
Applications	Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This recombinant TROP2 antibody is available for research use only.



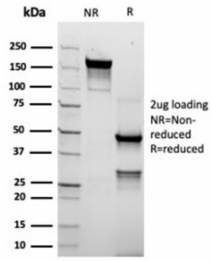
IHC staining of FFPE human colorectal liver metastasis with recombinant TROP2 antibody (clone rTACSTD2/6395). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human colon carcinoma tissue with recombinant TROP2 antibody (clone rTACSTD2/6395). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



Negative control: IHC staining of FFPE human brain tissue with recombinant TROP2 antibody (clone rTACSTD2/6395) at 2ug/ml in PBS for 30min RT. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free recombinant TROP2 antibody (clone rTACSTD2/6395) as confirmation of integrity and purity.

Description

TACSTD2 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 recombinant TROP2 antibody should be determined by the researcher.

Immunogen

A portion of amino acids 31-274 was used as the immunogen for the recombinant TROP2 antibody.

Storage

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

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