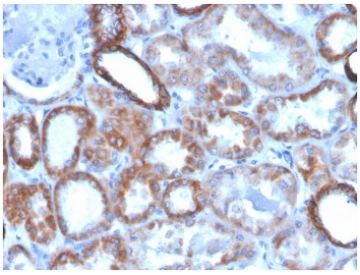
TROP2 Antibody / TACSTD2 [clone TACSTD2/2151] (V3851BTN)

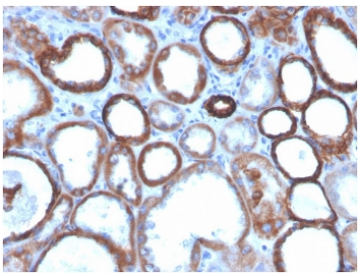
Catalog No.	Formulation	Size
V3851BTN	0.1 mg/ml with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	500 ul

Bulk quote request

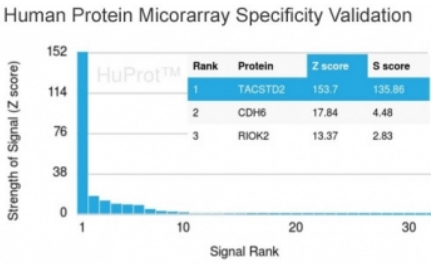
Availability	1-3 business days
Species Reactivity	Human
Format	Biotin Conjugate
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	TACSTD2/2151
Purity	Protein G affinity chromatography
UniProt	P09758
Localization	Cytoplasmic
Applications	Western blot: 1-2ug/ml Immunohistochemistry (FFPE): 1-2ug/ml for 30 minutes at RT
Limitations	This TROP2 antibody is available for research use only.



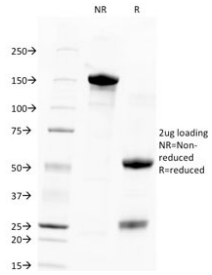
IHC testing of FFPE human pancreatic carcinoma with biotinylated TROP2 antibody (clone TACSTD2/2151). Required HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.



IHC testing of FFPE human colon carcinoma with biotinylated TROP2 antibody (clone TACSTD2/2151). Required HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.



Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using TROP2 antibody (clone TACSTD2/2151). These results demonstrate the foremost specificity of the TACSTD2/2151 mAb. Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If the targets on the HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.



SDS-PAGE analysis of purified, BSA-free TROP2 antibody (clone TACSTD2/2151) as confirmation of integrity and purity.

Description

TACSTD2is 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 intransducing 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 portion of amino acids 31-274 from the human protein was used as the immunogen for the TROP2 antibody.

Storage

Store the TROP2 antibody at 2-8oC (up to one month) or aliquot and store at -20oC (longer term).

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