

Product Datasheet

TROP2 Antibody / TACSTD2 (orb2641251)

Catalog Number	orb2641251
Category	Antibodies
Description	This intronless gene encodes a carcinoma-associated antigen defined by the monoclonal antibody GA733. This antigen is a member of a family including at least two type I membrane proteins. It transduces an intracellular calcium signal and acts as a cell surface receptor. [Wiki]
Clonality	Monoclonal
Species/Host	Mouse
Isotype	Mouse IgG1, kappa
Conjugation	Unconjugated
Reactivity	Human
Buffer/Preservatives	1 mg/ml in 1X PBS; rAlbumin free, sodium azide free
Purification	Protein G affinity chromatography
Immunogen	A portion of amino acids 31-274 were used as the immunogen for the TROP2 antibody.
UniProt ID	P09758
Tested applications	IF, IHC-P
Dilution range	Immunofluorescence: 1-2ug/ml, Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT

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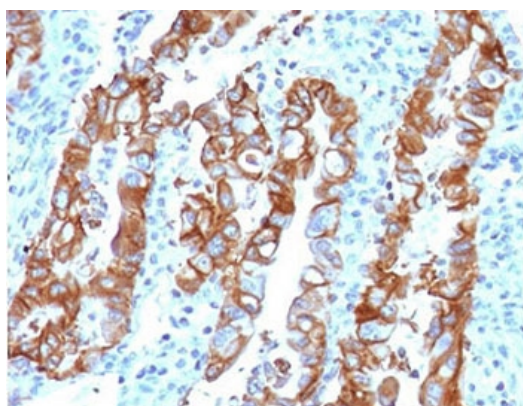
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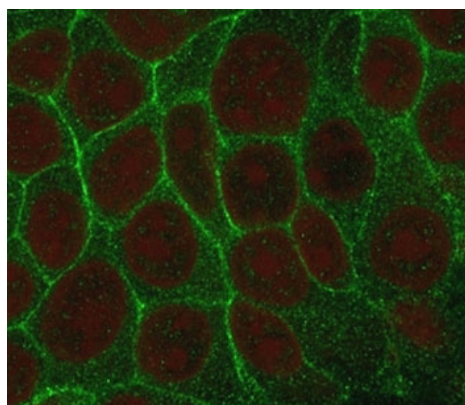
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Application notes	The stated application concentrations are suggested starting points. Titration of the TROP2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.
Antibody Type	Primary Antibody
Clone Number	TCSR2-1
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



IHC testing of FFPE human colon carcinoma with TROP2 antibody (clone TCSR2-1). Required HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.



Immunofluorescent staining of human MCF7 cells with TROP2 antibody (green) and Reddot nuclear stain (red).

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