

Datasheet for ABIN6938499

anti-TACSTD2 antibody (AA 31-274)



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Overview

Quantity:	100 µg
Target:	TACSTD2
Binding Specificity:	AA 31-274
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TACSTD2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Immunogen:	Recombinant fragment of human TACSTD2 protein (around aa 31-274) (exact sequence is proprietary)
Clone:	TACSTD2-2152
Isotype:	IgG1 kappa
Specificity:	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.

Product Details

Cross-Reactivity (Details):	Human.
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target:	TACSTD2
Alternative Name:	TACSTD2 (TACSTD2 Products)
Background:	Cell surface glycoprotein Trop-2, Membrane Component Chromosome 1, Surface Marker 1 (M1S1), Pancreatic Carcinoma Marker Protein GA733-1, TROP2, Tumor-Associated Calcium Signal Transducer 2 (TACSTD2),TACSTD2 / TROP2 (Epithelial Marker) Cellular localisation: Cell Surface
Molecular Weight:	40kDa
Gene ID:	4070, 23582
UniProt:	P09758

Application Details

Application Notes:	Known_Application: Immunofluorescence (1-2 µg/mL), Western Blot (1-2 µg/mL), Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95 °C followed by cooling at RT for 20 minutes),Optimal dilution for a specific application should be determined. Positive_Control: HT29 cells. Human breast or colon carcinoma.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C,-80 °C
Storage Comment:	Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
Expiry Date:	24 months