

Datasheet for ABIN7506028
anti-TACSTD2 antibody (Biotin)



[Go to Product page](#)

1 Image

Overview

Quantity:	0.1 mg
Target:	TACSTD2
Reactivity:	Human, Pig
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TACSTD2 antibody is conjugated to Biotin
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-Hu TROP2 Biotin
Immunogen:	TROP2-transfected CHO cells
Clone:	TrMab-6
Isotype:	IgG2b kappa
Specificity:	The mouse monoclonal antibody TrMab-6 recognizes an extracellular epitope of TROP2, a type I transmembrane glycoprotein. This antibody is useful for detection of TROP2 in breast cancer.
No Cross-Reactivity:	Mouse
Purification:	Purified antibody is conjugated with biotin LC-NHS ester under optimum conditions and unconjugated antibody and free biotin are removed by size-exclusion chromatography.

Target Details

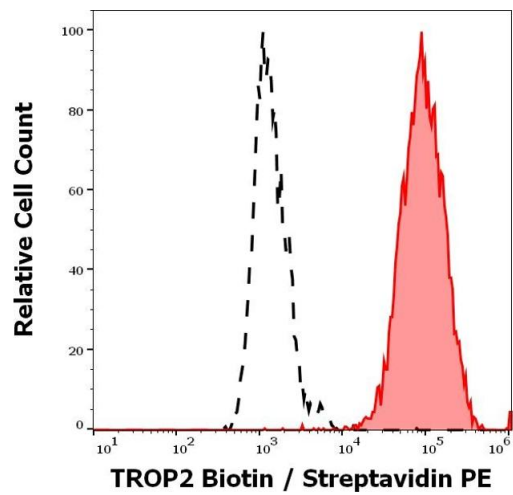
Target:	TACSTD2
Alternative Name:	TROP2 (TACSTD2 Products)
Background:	Tumor associated calcium signal transducer 2, TROP2 is a cell surface receptor that transduces calcium signals. It belongs to carcinoma-associated antigens. Mutations of TROP2 have been associated with gelatinous drop-like corneal dystrophy, TACSTD2, EGP1, GP50, M1S1, GA733-1
Gene ID:	4070
UniProt:	P09758

Application Details

Application Notes:	Flow cytometry: Recommended dilution: 1-4 µg/mL.
Restrictions:	For Research Use only

Handling

Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Do not freeze.



Flow Cytometry

Image 1. Separation of MCF-7 cells stained using anti-TROP2 (TrMab-6) Biotin antibody (concentration in sample 1.0 $\mu\text{g}/\text{mL}$, Streptavidin PE, red-filled) from MCF-7 cells unstained by primary antibody (Streptavidin PE, black-dashed) in flow cytometry analysis (surface staining).