

Datasheet for ABIN7506027
anti-TACSTD2 antibody (APC)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 tests
Target:	TACSTD2
Reactivity:	Human, Pig
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TACSTD2 antibody is conjugated to APC
Application:	Flow Cytometry (FACS)

Product Details

Purpose:	Anti-Hu TROP2 APC
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 activated allophycocyanin (APC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.

Target Details

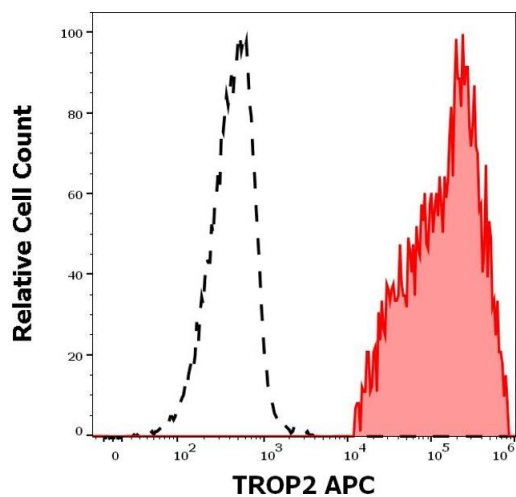
Target:	TACSTD2
Alternative Name:	TROP2 (TACSTD2 Products)
Background:	Tumor associated calcium signal transducer 2,TROP2 is a cell surface receptor that transduces calcium signals. It belongs to carcinoma-associated antigens. Mutations of TROP2 have been associated with gelatinous drop-like corneal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

Application Details

Application Notes:	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µL reagent / 100 µL of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.
Restrictions:	For Research Use only

Handling

Buffer:	Stabilizing 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. Protect from prolonged exposure to light. Do not freeze.



Flow Cytometry

Image 1. Separation of MCF-7 cells (red-filled) from leukocytes (black-dashed) in flow cytometry analysis (surface staining) stained using anti-human TROP2 (TrMab-6) APC antibody (10 μ L reagent per milion cells in 100 μ L of cell suspension).