

30-2707: Anti-Hu TROP2 APC

Clonality :	Monoclonal
Clone Name :	TrMab-6
Application :	FACS
Reactivity :	Pig
Conjugate :	APC
Gene :	TACSTD2
Gene ID :	4070
Uniprot ID :	P09758
Alternative Name :	tumor associated calcium signal transducer 2 TACSTD2, EGP1, GP50, M1S1, GA733-1
Immunogen Information :	TROP2-transfected CHO cells

Description

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.

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.

Product Info

Amount :	100 Tests
Purification :	Purified antibody is conjugated with activated allophycocyanin (APC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Content :	Concentration: 1 mg/ml Storage Buffer: Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage condition :	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.

Application Note

Flow cytometry: The reagent is designed for analysis of human blood cells using 10 μ l reagent / 100 μ l of whole blood or 10^6 cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.

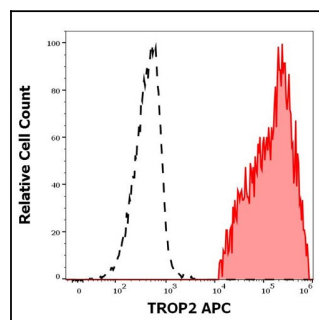


Figure 1: Separation of MCF-7 cells (red-filled) from leukocytes (black-dashed) in flow cytometry analysis (surface staining) stained using anti-human TROP2 (TrMab-6) APC antibody