9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

30-2708: Anti-Hu TROP2 Biotin

Clonality :	Monoclonal
Clone Name :	TrMab-6
Application :	WB
Reactivity :	Pig
Conjugate :	Biotin
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 usefull for detection of TROP2 in breast cancer.

Product Info

Amount :	0.1 mg
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.
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. Do not freeze.

Application Note

Flow cytometry: Recommended dilution: 1-4 Âµg/ml.

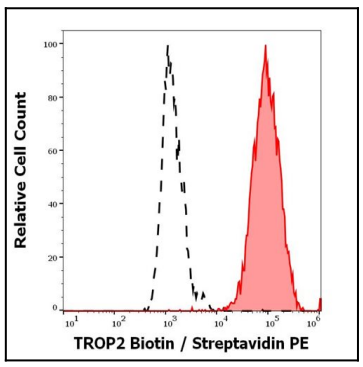


Figure 1: Separation of MCF-7 cells stained using anti-TROP2 (TrMab-6) Biotin antibody from MCF-7 cells unstained by primary antibody in flow cytometry analysis

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