

Rabbit TROP2/TACSTD2 Monoclonal Antibody | anti-TROP2/TACSTD2 antibody

Rabbit anti Human TROP2/TACSTD2 Monoclonal Antibody

CATALOG # AAA173460	HOST Rabbit	APPLICATIONS ELISA, Immunocytochemistry, Flow Cytometry, Functional Assay
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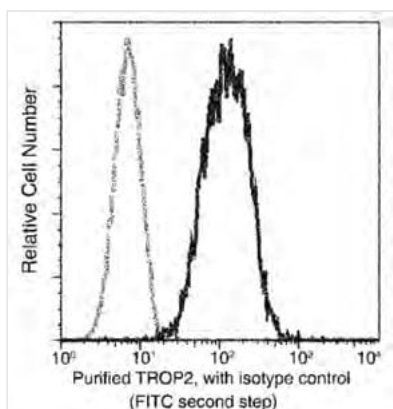
PRODUCT SYNONYMS

TROP2/TACSTD2; Monoclonal Antibody; Rabbit anti Human TROP2/TACSTD2 Monoclonal Antibody; EGP-1; EGP1; GA733-1; M1S1; TACD2; TROP-2; TROP2; anti-TROP2/TACSTD2 antibody

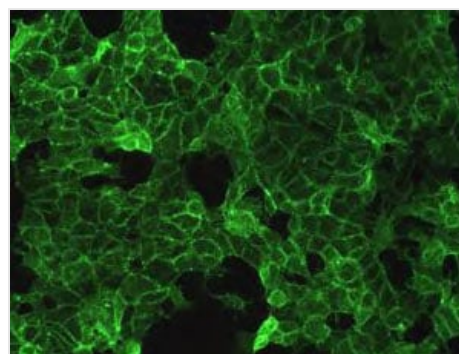
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Sequence Length	323
Applicable Applications for anti-TROP2/TACSTD2 antibody	ELISA, ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry)
Buffer	PBS with 0.1% sodium azide, 50% glycerol, pH7.3
Immunogen	Recombinant Human TROP2 / TACSTD2 protein
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles

IMAGES



FCM/FACS (Flow Cytometry)
Flow Cytometric analysis of TROP2 expression on MCF-7 cells



IF (Immunofluorescence)
Immunofluorescence analysis of MCF-7 cells using TROP2 Monoclonal Antibody at dilution of 1:200

ADDITIONAL INFORMATION

Related Product Information for anti-TROP2/TACSTD2 antibody	TROP-2, also referred to as tumor associated calcium signal transducer 2 (TACSTD2), GA733-1 or M1S1, is a cell surface glycoprotein highly expressed in a wide variety of epithelial cancers. In contrast, there is little or no expression of Trop-2 in adult somatic tissue. Because it is a cell surface protein that is selectively expressed in tumor cells, Trop-2 is a potential therapeutic target. The cytoplasmic tail of Trop-2 possesses potential serine and tyrosine phosphorylation sites and a phosphatidyl-inositol binding consensus sequence. Trop-2 transduces an intracellular calcium signal, are consistent with the hypothesis that it acts as a cell surface receptor and support a search for a physiological ligand. TROP2 encoding by an intronless gene was originally defined by the monoclonal antibody GA733, and is a member of a family of at least two type I membrane proteins. The other known member is GA733-2, also called EpCAM and TROP1. It has been suggested by studies that the GA733-1 gene was formed by the retroposition of the GA733-2 gene via an mRNA intermediate.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	166795236
NCBI GeneID	4070
NCBI GenBank Nucleotide #	NM_002353.2
NCBI Official Full Name	tumor-associated calcium signal transducer 2
NCBI Official Synonym Full Names	tumor-associated calcium signal transducer 2
NCBI Official Symbol	TACSTD2
NCBI Official Synonym Symbols	EGP1; GP50; M1S1; EGP-1; TROP2; GA7331; GA733-1
NCBI Protein Information	tumor-associated calcium signal transducer 2
UniProt Protein Name	Tumor-associated calcium signal transducer 2
UniProt Gene Name	TACSTD2
UniProt Synonym Gene Names	GA733-1; M1S1; TROP2
UniProt Entry Name	TACD2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/trop2-tacstd2-antibody-immunocytochemistry-flow-cytometry-elisa/173460>