

TACSTD2/TROP2 recombinant antibody

Anti-Human TACSTD2/TROP2 Antibody (SAA2020)

CATALOG # AAA120381	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, Western Blot, ELISA
-------------------------------	----------------------------	--

PRODUCT SYNONYMS

TACSTD2/TROP2; Monoclonal Recombinant Antibody; Anti-Human TACSTD2/TROP2 Antibody (SAA2020); Pancreatic carcinoma marker protein GA733-1; Tumor-associated calcium signal transducer 2; M1S1; TROP2; TACSTD2; Cell surface glycoprotein Trop-2; GA733-1; Membrane component chromosome 1 surface marker 1; TACSTD2/TROP2 recombinant antibody

PRODUCT SPECIFICATIONS

Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	SAA2020
Purity/Purification	>95% by SDS-PAGE Protein A or G purified from cell culture supernatant.
Form/Format	Liquid; 0.01M PBS, pH7.4.
Concentration	1mg/ml (varies by lot)
Applicable Applications for TACSTD2/TROP2 recombinant antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), ELISA
Host Species	Human
Preparation and Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Store at +4 degree C short term (1-2 weeks). Store at -20 degree C 12 months. Store at -80 degree C long term.

IMAGES



FCM/FACS (Flow Cytometry)

Flow-cytometry using anti-human TACSTD2 antibody. PC-3 cells were stained with an irrelevant antibody (Blue Histogram) or an anti-human TACSTD2 antibody monoclonal antibody (Catalog # RHC43302, Green Histogram) at a concentration of 5 µg/ml for 30 mins at RT. After washing, bound antibody was detected using a FITC conjugated goat anti-human antibody (Catalog # PHB96441) and cells analysed on a NovoCyte Flow Cytometer.



FCM/FACS (Flow Cytometry)

Flow-cytometry using anti-human TACSTD2 antibody. MDA-MB-231 cells were stained with an irrelevant antibody (Blue Histogram) or an anti-human TACSTD2 antibody monoclonal antibody (Catalog # RHC43302, Green Histogram) at a concentration of 5 µg/ml for 30 mins at RT. After washing, bound antibody was detected using a FITC conjugated goat anti-human antibody (Catalog # PHB96441) and cells analysed on a NovoCyte Flow Cytometer.



FCM/FACS (Flow Cytometry)

Flow-cytometry using anti-human TACSTD2 antibody. MCF7 cells were stained with an irrelevant antibody (Blue Histogram) or an anti-human TACSTD2 antibody monoclonal antibody (Catalog # RHC43302, Green Histogram) at a concentration of 5 µg/ml for 30 mins at RT. After washing, bound antibody was detected using a FITC conjugated goat anti-human antibody (Catalog # PHB96441) and cells analysed on a NovoCyte Flow Cytometer.



FCM/FACS (Flow Cytometry)

Flow-cytometry using anti-human TACSTD2 antibody. HeLa cells were stained with an irrelevant antibody (Blue Histogram) or an anti-human TACSTD2 antibody monoclonal antibody (Catalog # RHC43302, Green Histogram) at a concentration of 5 µg/ml for 30 mins at RT. After washing, bound antibody was detected using a FITC conjugated goat anti-human antibody (Catalog # PHB96441) and cells analysed on a NovoCyte Flow Cytometer.

ADDITIONAL INFORMATION

Product Categories/Family for TACSTD2/TROP2 recombinant antibody	Recombinant Antibodies
--	------------------------

NCBI AND UNIPROT INFORMATION

NCBI GI #	166795236
NCBI GeneID	4070
NCBI Accession #	NP_002344.2
NCBI GenBank Nucleotide #	NM_002353.2
UniProt Accession #	P09758; Q15658; Q6FG48; Q7Z7Q4; Q96QD2
Molecular Weight	35,709 Da
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; epithelial glycoprotein-1; cell surface glycoprotein TROP2; cell surface glycoprotein Trop-2; pancreatic carcinoma marker protein GA7331; pancreatic carcinoma marker protein GA733-1; gastrointestinal tumor-ass
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/tacstd2-trop2-recombinant-antibody-clone-saa2020-flow-cytometry-western-blot-elisa/120381>