

# Anti-Human TACSTD2/TROP2 Antibody (SAA2020)

## Summary

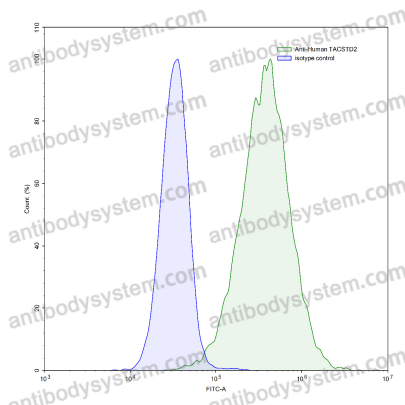
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<b>Catalog No.</b>	RHC43302
<b>Clone ID</b>	SAA2020
<b>Host species</b>	Human
<b>Species reactivity</b>	Human
<b>Form</b>	Liquid
<b>Storage buffer</b>	0.01M PBS, pH 7.4.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1, kappa
<b>Applications</b>	ELISA, FCM, WB
<b>Target</b>	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
<b>Purification</b>	Protein A/G purified from cell culture supernatant.
<b>Endotoxin level</b>	Please contact with the lab for this information.
<b>Accession</b>	P09758
<b>Stability and Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Store at 4°C short term (1-2 weeks). Store at -20°C 12 months. Store at -80°C long term.

**Note**

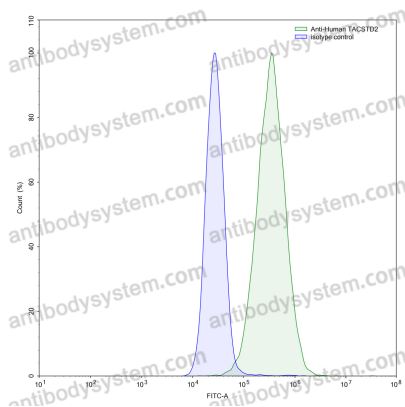
For research use only.

## Data Image



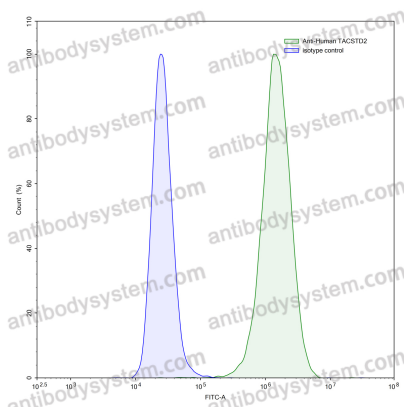
Flow-cytometry

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 NovoCyt Flow Cytometer.

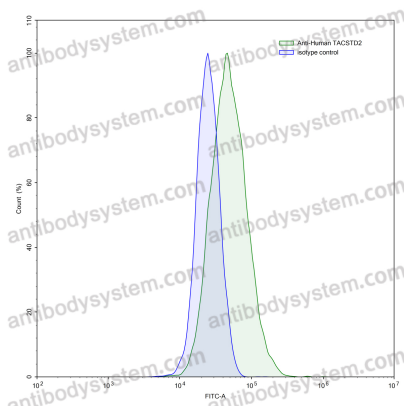


Flow-cytometry

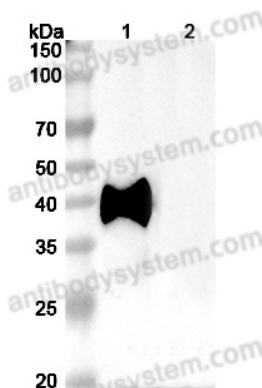
Flow-cytometry using anti-human TACSTD2 antibody. MCF7 cells were stained with an irrelevant antibody (Blue Histogram) or an anti-human TACSTD2 antibody monoclonal antibody (Catalog # RHC43302, Green Histogram) at a concentration of 5 µg/ml for 30 mins at RT. After washing, bound antibody was detected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



Flow-cytometry



Flow-cytometry



Western Blot

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  $\mu\text{g}/\text{ml}$  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 NovoCyt Flow Cytometer.

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  $\mu\text{g}/\text{ml}$  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 NovoCyt Flow Cytometer.

Various lysates were subjected to SDS PAGE followed by western blot with TACSTD2 antibody (RHC43302) at 1  $\mu\text{g}/\text{ml}$ .

Lane 1: TACSTD2 transfected HEK293 cell lysate

Lane 2: Non-transfected HEK293 cell lysate

Second Ab: Goat Anti-Human IgG H&L Polyclonal antibody, HRP (PHB96431) at 0.1  $\mu\text{g}/\text{mL}$ .

Predict MW: 31 kDa

Observed MW: 31 kDa