

DATASHEET

TACSTD2 Mouse Monoclonal Antibody(C2981)

CAT. NO. AMA02593

KEY FEATURES

Target	TACSTD2	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	WB, IHC, FC	Conjugation	Unconjugated
Form / Buffer	Mouse IgG2b. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

May function as a growth factor receptor.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
IHC	1:100 - 1:500
FC	1:100 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Mouse monoclonal to TACSTD2
Specificity	Recognizes endogenous levels of TACSTD2 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human TACSTD2 expressed in E. Coli
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 26 kD; Observed: 60 kD kD
Form/Buffer	Mouse IgG2b. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	GA733-1; M1S1; TROP2; Tumor-associated calcium signal transducer 2; Cell surface glycoprotein Trop-2; Membrane component chromosome 1 surface marker 1; PancreatIC, carcinoma marker protein GA733-1
Gene Symbol	TACSTD2
Entrez Gene	4070(Human)
SwissProt	P09758(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

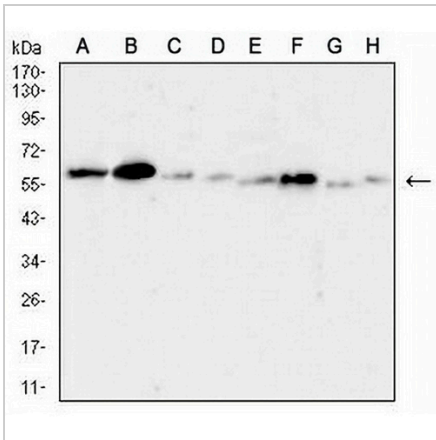
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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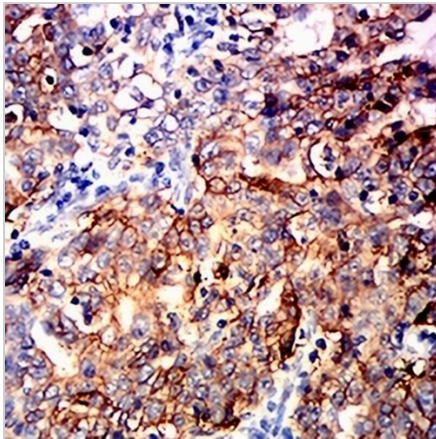
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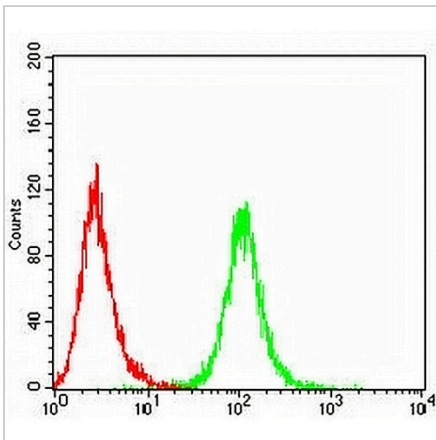
DATA



Western blot analysis of TACSTD2 expression in A431 (A), HCT116 (B), PC3 (C), MCF7 (D), SKBr3 (E), T47D (F), HEK293 (G), HEK293-6e (H) whole cell lysates. (Predicted band size: 26 kDa; Observed band size: 60 kDa)



Immunohistochemical analysis of TACSTD2 staining in human cervical cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Flow cytometric analysis of BEL7402 cells using Anti-TACSTD2 Antibody (green) and negative control (red).

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.