

**KB479**

For research use only

# Anti Human TACSTD1 Polyclonal Antibody

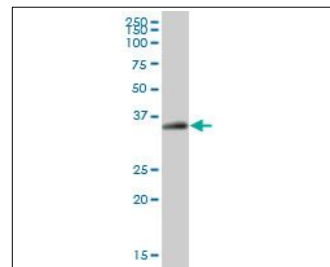
<b>Code No.</b>	KB479
<b>Target</b>	TACSTD1
<b>Category</b>	Cancer
<b>Gene ID</b>	4072
<b>Primary Source</b>	HGNC:11529
<b>Synonyms</b>	EGP; ESA; KSA; M4S1; MK-1; EGP-2; EGP34; EGP40; KS1/4; MIC18; TROP1; CO-17A; Ep-CAM; hEGP-2; CO17-1A; GA733-2; TACST-1; TACSTD1; EPCAM
<b>Type</b>	Polyclonal Antibody
<b>Immunogen</b>	Recombinant protein of full length Human TACSTD1
<b>Raised in</b>	Mouse
<b>Myeloma</b>	-
<b>Clone number</b>	-
<b>Purification</b>	Protein A purified
<b>Source</b>	Mouse Serum
<b>Isotype</b>	-
<b>Cross Reactivity</b>	-
<b>Label</b>	Unlabeled
<b>Concentration</b>	0.5 mg/mL
<b>Contents (Volume)</b>	50 µg
<b>Buffer</b>	PBS, pH 7.2

**Storage** Store at - 20 °C long term, store at 4 °C short term. Avoid repeated freeze-thaw cycles.

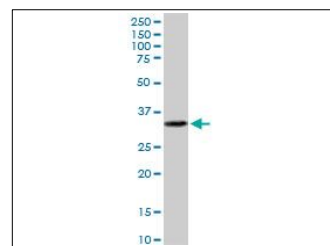
**Application** WB,IF

ELISA	WB	IHC	ICC
-	1.0	-	-
IP	FCM	IF	Neutralization
-	-	10	-

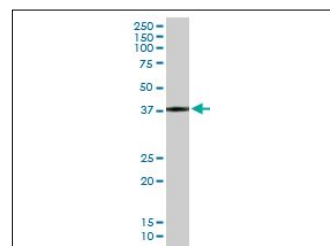
(µg/mL)



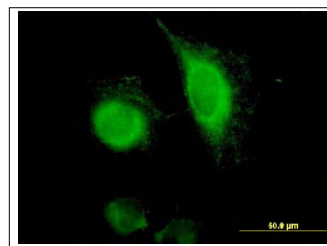
[WB] human colon tissue lysate



[WB] A-431 cell lysate



[WB] TACSTD1 transfected 293T cell lysate



[IF] HeLa cell

## Reference

- Strad J., et al. "Molecular cloning and characterization of a human adenocarcinoma/epithelial cell surface antigen complementary DNA." *Cancer Res.* 49:314-317(1989)
- Perez M.S., et al. "Isolation and characterization of a cDNA encoding the KS1/4 epithelial carcinoma marker." *J. Immunol.* 142:3662-3667(1989)
- Simon B., et al. "Epithelial glycoprotein is a member of a family of epithelial cell surface antigens homologous to nidogen, a matrix adhesion protein." *Proc. Natl. Acad. Sci. U.S.A.* 87:2755-2759(1990)

## UniPlot Summary

//Function: May act as a physical homophilic interaction molecule between intestinal epithelial cells (IECs) and intraepithelial lymphocytes (IELs) at the mucosal epithelium for providing immunological barrier as a first line of defense against mucosal infection.  
//Subcellular location: Membrane; Single-pass type I membrane protein.  
//Tissue specificity: This protein is expressed in almost all epithelial cell membranes but not on mesodermal or neural cell membranes. Found on the surface of adenocarcinomas.  
//Sequence similarities: Belongs to the EPCAM family. Contains 1 thyroglobulin type-1 domain.