

ARG10607 anti-Tissue Factor antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Tissue Factor
Tested Reactivity	Hu
Tested Application	ELISA, FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Tissue Factor
Species	Human
Immunogen	Synthetic peptide around aa. 33-295 of Human Tissue Factor.
Conjugation	Un-conjugated
Alternate Names	Thromboplastin; Tissue factor; TFA; CD142; TF; Coagulation factor III; CD antigen CD142

Application Instructions

Application table	Application	Dilution
	ELISA	1:100 - 1:500
	FACS	1:100/1x10 ⁶ cell
	ICC/IF	1:100
	WB	1:1000 - 1:5000

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS, 0.025% Sodium azide and 2.5% BSA.
Preservative	0.025% Sodium azide
Stabilizer	2.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

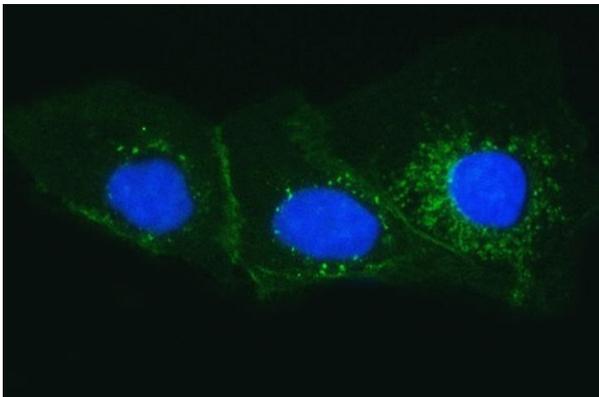
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

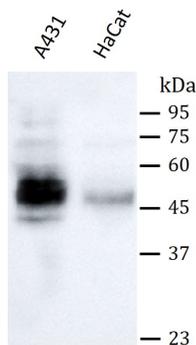
Database links	GeneID: 2152 Human Swiss-port # P13726 Human
Gene Symbol	F3
Gene Full Name	coagulation factor III (thromboplastin, tissue factor)
Background	This gene encodes coagulation factor III which is a cell surface glycoprotein. This factor enables cells to initiate the blood coagulation cascades, and it functions as the high-affinity receptor for the coagulation factor VII. The resulting complex provides a catalytic event that is responsible for initiation of the coagulation protease cascades by specific limited proteolysis. Unlike the other cofactors of these protease cascades, which circulate as nonfunctional precursors, this factor is a potent initiator that is fully functional when expressed on cell surfaces. There are 3 distinct domains of this factor: extracellular, transmembrane, and cytoplasmic. This protein is the only one in the coagulation pathway for which a congenital deficiency has not been described. Alternate splicing results in multiple transcript variants.[provided by RefSeq, May 2010]
Function	Initiates blood coagulation by forming a complex with circulating factor VII or VIIa. The [TF:VIIa] complex activates factors IX or X by specific limited proteolysis. TF plays a role in normal hemostasis by initiating the cell-surface assembly and propagation of the coagulation protease cascade. [UniProt]
Calculated Mw	33 kDa (unmodified); 45-50 kDa (glycosylated)

Images



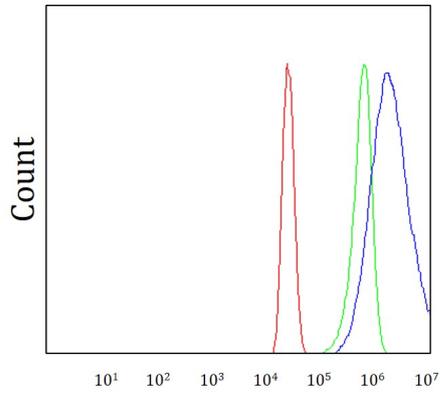
ARG10607 anti-Tissue Factor antibody ICC/IF image

Immunofluorescence: A431 cells stained with ARG10607 anti-Tissue Factor antibody at 1:500 dilution.



ARG10607 anti-Tissue Factor antibody WB image

Western blot: A431 and HaCat stained with ARG10607 anti-Tissue Factor antibody.



ARG10607 anti-Tissue Factor antibody FACS image

Flow Cytometry: A431 cells stained with ARG10607 anti-Tissue Factor antibody at 1:100 dilution/ 10^6 cells.