

Datasheet for ABIN5526905  
**anti-Tissue factor antibody**



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5 Images

## Overview

Quantity:	0.1 mg
Target:	Tissue factor (F3)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Tissue factor antibody is un-conjugated
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	Human brain tissue factor (CD142)
Clone:	HTF-1
Isotype:	IgG1 kappa
Specificity:	The mouse monoclonal antibody HTF-1, also known as HTF1-7B8, recognizes an extracellular epitope of CD142 (tissue factor, coagulation factor III), a type I glycoprotein expressed on endothelial cells, monocytes, macrophages, and platelets upon induction by inflammatory mediators, and expressed constitutively by some tumors, the vasculature, placenta, kidney, and central nervous system.
Cross-Reactivity (Details):	Human
Purification:	Purified by protein-A affinity chromatography.
Purity:	> 95 % (by SDS-PAGE)

## Target Details

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Target:	Tissue factor (F3)
Alternative Name:	CD142 ( <a href="#">F3 Products</a> )
Background:	Coagulation factor III, tissue factor,CD142, also known as coagulation factor III, tissue thromboplastin, and tissue factor. It is a transmembrane glycoprotein, which enables cells to initiate the blood coagulation cascades, and 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. It is the only one factor in the coagulation pathway for which a congenital deficiency has not been described.,F3, tissue factor, tissue thromboplastin, coagulation factor III, TF, TFA
Gene ID:	2152
UniProt:	<a href="#">P13726</a>
Pathways:	<a href="#">Positive Regulation of Endopeptidase Activity</a> , <a href="#">Smooth Muscle Cell Migration</a> , <a href="#">Platelet-derived growth Factor Receptor Signaling</a>

## Application Details

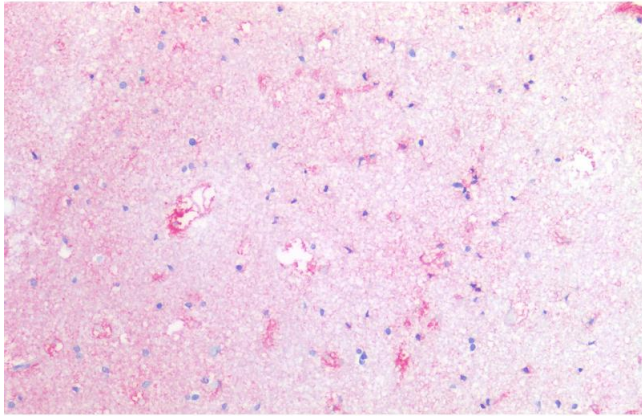
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Application Notes:	Flow cytometry: Recommended dilution: 3-12 µg/mL. Western blotting: Reducing conditions preferred.
Restrictions:	For Research Use only

## Handling

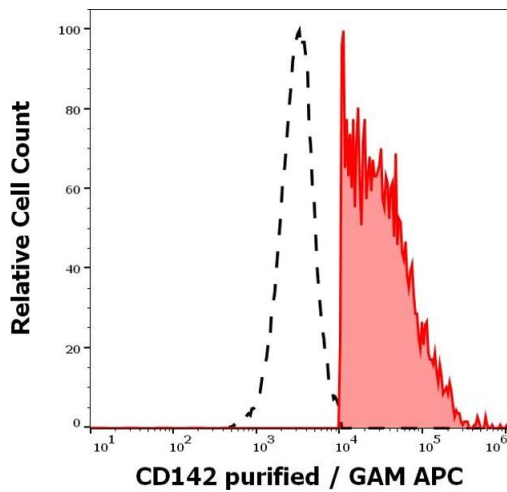
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Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Do not freeze.



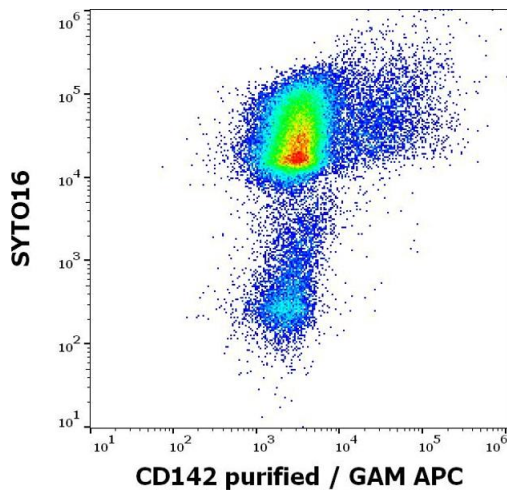
### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry staining of human cortex (paraffin-embedded sections) with anti-CD142 (HTF-1), 10 µg/mL.



### Flow Cytometry

**Image 2.** Separation of human CD142 positive lymphocytes (red-filled) from CD142 negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human PHA stimulated peripheral blood mononuclear cells stained using anti-human CD142 (HTF-1) purified antibody (concentration in sample 4 µg/mL, GAM APC).



### Flow Cytometry

**Image 3.** Flow cytometry multicolor surface staining pattern of human PHA stimulated peripheral blood mononuclear cells using anti-human CD142 (HTF-1) purified antibody (concentration in sample 4 µg/mL, GAM APC) and SYTO 16.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5526905.