

### 30-1059: Anti-CD142 Monoclonal Antibody (Clone:HTF-1)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	HTF-1
<b>Application :</b>	FACS
<b>Reactivity :</b>	Human
<b>Gene :</b>	F3
<b>Gene ID :</b>	2152
<b>Uniprot ID :</b>	P13726
<b>Format :</b>	Purified
<b>Alternative Name :</b>	F3
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	Human brain tissue factor (CD142)

#### Description

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.

#### Product Info

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	Purified by protein-A affinity chromatography
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.

#### Application Note

Flow cytometry: Recommended dilution: 3-12 µg/ml. Western blotting: Reducing conditions preferred.