

## 30-2285: PE Conjugated, Anti-CD106 / VCAM-1 Monoclonal Antibody (Clone:STA)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	STA
<b>Application :</b>	FACS
<b>Reactivity :</b>	Human
<b>Conjugate :</b>	PE
<b>Gene :</b>	VCAM1
<b>Gene ID :</b>	7412
<b>Uniprot ID :</b>	P19320
<b>Alternative Name :</b>	VCAM1
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	Human DS6 T cell line

### Description

CD106 / VCAM-1 (vascular cell adhesion molecule-1) is an Ig-like cell surface adhesion molecule binding VLA-4 integrin. VCAM-1 is a potent T cell costimulatory molecule taking part in their positive selection and survival, as well as in adhesion, transendothelial migration and activation of peripheral T cells. VCAM-1 is also involved in endothelial cell-cell contacts. Whereas VCAM-1 normally mediates leukocyte extravasion to sites of tissue inflammation, tumour cells can use overexpressed VCAM-1 to escape T cell immunity. Soluble form of VCAM-1 (sVCAM-1) is an inflammatory marker and can be used also in prognosis of subsequent cariovascular events following acute coronary syndromes.

### Product Info

<b>Amount :</b>	100 tests
<b>Storage condition :</b>	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

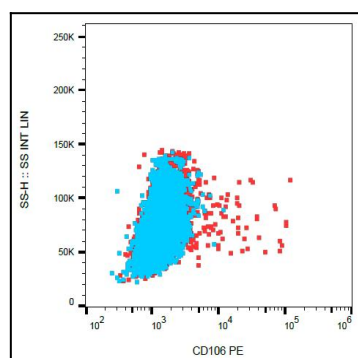


Figure 1: Surface staining of TNF alpha-stimulated HUVEC cells with anti-CD106 (STA) PE.