

## 30-1683: Anti-CD9 Monoclonal Antibody (Clone:MEM-61)-APC Conjugated

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	MEM-61
<b>Application :</b>	FACS, WB, IHC, Functional Assay
<b>Reactivity :</b>	Human
<b>Conjugate :</b>	APC
<b>Gene :</b>	CD9
<b>Gene ID :</b>	928
<b>Uniprot ID :</b>	P21926
<b>Alternative Name :</b>	CD9,MIC3,TSPAN29,GIG2
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	Pre-B cell line NALM-6.

### Description

CD9 belongs to proteins of tetraspanin family that orchestrate cholesterol-associated tetraspanin-enriched signaling microdomains within the plasma membrane, forming complexes with each other as well as with integrins, membrane-anchored growth factors and other proteins. CD9 is involved in cell motility, osteoclastogenesis, neurite outgrowth, myotube formation, and sperm-egg fusion, plays roles in cell attachment and proliferation and is necessary for association of heterologous MHC II molecules on the dendritic cell plasma membrane which is important for effective T cell stimulation. CD9 is also considered as metastasis suppressor in solid tumors.

### 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.

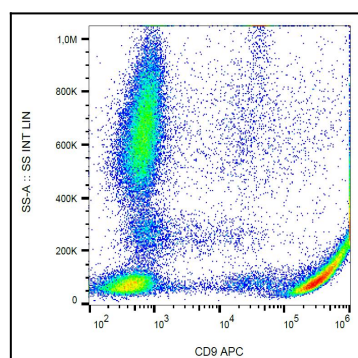


Figure 1: Surface staining of human peripheral blood with anti-CD9 (MEM-61) APC.