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

Clonality: Monoclonal Clone Name: MEM-61

Application: FACS, WB, IHC, Functional Assay

 Reactivity :
 Human

 Conjugate :
 APC

 Gene :
 CD9

 Gene ID :
 928

 Uniprot ID :
 P21926

Alternative Name : CD9,MIC3,TSPAN29,GIG2

**Isotype:** Mouse IgG1

Immunogen Information: 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**

Amount: 100 tests

**Storage condition :** Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

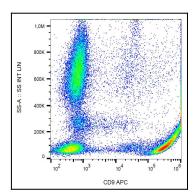


Figure 1: Surface staining of human peripheral blood with anti-CD9 (MEM-61) APC.