

## 30-1938: Anti-CD9 Monoclonal Antibody (Clone:MEM-61)-FITC 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>             | FITC                            |
| <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. |

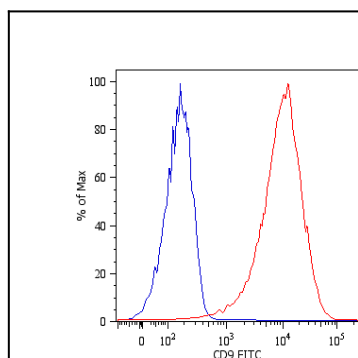


Figure 1: Surface staining of NALM-6 human pre-B cell leukemia cell line with anti-human CD9 (MEM-61) FITC. Total viable cells were used for analysis.