

### 30-1111: Anti-CD6 Monoclonal Antibody (Clone:MEM-98)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	MEM-98
<b>Application :</b>	FACS, IP, WB, IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	CD6
<b>Gene ID :</b>	923
<b>Uniprot ID :</b>	P30203
<b>Format :</b>	Purified
<b>Alternative Name :</b>	CD6
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	Human CD6 antigen purified by immunoaffinity chromatography from HBP-ALL cells followed by preparative SDS-PAGE of non-boiled non-reduced sample (excised piece of gel corresponding to the 100 kDa zone).

#### Description

CD6, also known as T12, is a member of the scavenger receptor superfamily found on T and B cell subsets, thymocytes, and acute lymphocytic leukemia cells (ALL). CD6 interacts with its ligand CD166/ALCAM (activated leukocyte cell adhesion molecule) and serves as a coreceptor for T cell activation and stabilizer of the immunological synapse. CD6-ALCAM mediated cell adhesion is also important for T cell proliferation. CD6 may exert some its functions via association with CD5, probably by fine-tuning CD5 signaling. Ligation of CD6 has antiapoptotic role in chronic lymphocytic leukemia B cells.

#### 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:* 2  $\mu\text{g/ml}$

**Immunoprecipitation Western Blotting** *Application note:* Non-reducing conditions. **Immunohistochemistry**

*Recommended dilution:* 10  $\mu\text{g/ml}$

*Positive tissue:* spleen