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## 30-2156: Anti-CD6 Monoclonal Antibody (Clone:MEM-98)-PE Conjugated

Clonality: Monoclonal Clone Name: MEM-98

**Application:** FACS, IP, WB, IHC

Reactivity: Human
Conjugate: PE
Gene: CD6
Gene ID: 923
Uniprot ID: P30203
Alternative Name: CD6

Human CD6 antigen purified by immunoaffinity chromatography from HBP-ALL cells followed

Immunogen Information: by preparative SDS-PAGE of non-boiled non-reduced sample (excised piece of gel

corresponding to the 100 kDa zone).

Mouse IgG1

## **Description**

Isotype:

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**

Amount: 100 tests

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

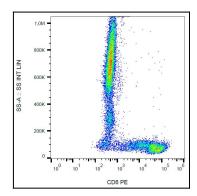


Figure 1: Surface staining of human peripheral blood cells with anti-human CD6 (MEM-98) PE.