

**MOUSE ANTI-HUMAN INTEGRIN  $\beta$ 1  
MONOCLONAL ANTIBODY**

**CATALOG NUMBER:** MAB1987

**LOT NUMBER:**

**QUANTITY:** 100  $\mu$ L

**CLONE:** P4C10

**SPECIFICITY:** Reacts with the  $\beta$ 1 subunit of the integrin protein family.  
Appears to be human specific.

**ISOTYPE:** IgG<sub>1</sub>

**APPLICATIONS:** Inhibits attachment of UCLA-P3 cells to collagen type I {Wayner et al 1991}. Inhibits endodermal and keratinocytes to collagen, fibronectin and laminin. It also inhibits cell to cell adhesion. Typical dilution ranges are 1:50-1:500.

Immunofluorescence

Immunoblotting

Immunoprecipitation

ELISA

Optimal working dilutions must be determined by end user.

**FORMAT:** Tissue Culture supernatant, containing 0.1% sodium azide.

**STORAGE/HANDLING:** Maintain frozen at -20°C in undiluted aliquots for up to 12 months.

**REFERENCES:**

1. Carter, W. A. et al. 1990. *J. Cell Biol.* **110**:1387
2. Wayner, E.A. et al. 1991. *J. Cell Biol.* **113**: 919.

*For research use only; not for use as a diagnostic.*

Have you published a paper using a Chemicon primary antibody? You may be eligible for credit toward future purchases of Chemicon products! Contact our Technical Service department for more information.