CD6 (HI210) Antibody

Subcategory: Mouse Monoclonal Antibody, PE-conjugated Antibody
Cat. No.: 251051
Unit: 2 ml

Description:
The CD6 (HI210) Antibody recognizes a 100-130 kDa type-I single-chain transmembrane glycoprotein, a receptor for CD166. CD6 is expressed at low levels on immature thymocytes and at high levels on mature thymocytes. CD6 is also expressed at high levels on peripheral blood T cells and at low levels on most peripheral blood B cells. High levels of CD6 are present in T-cell malignancies and certain B-cell malignancies including B-CLL. CD6 not only is expressed on all CD5+ B-CLL, but also on CD5- B-CLL, suggesting a broader distribution of CD6 than CD5 in B-cell malignancies. CD6 has also been found recently to be expressed in a minor subset of myeloid malignancies. CD6 functions as an adhesion molecule as well as a costimulatory molecule for T cell activation.

Isotype: mouse IgG1
Applications: FC
Species Reactivity: H
Format: Each vial contains 2 ml IgG (100 tests) in PBS pH7.4, 0.1% BSA with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.
Alternate Names: T-cell differentiation antigen CD6; T12; TP120; CD6 antigen; CD6
Accession No.: P30203

Application Notes: FC with whole blood: 100 ?l blood + 20 ?l antibody; FC with cells: 10E6 cells + 20 ?l antibody. E: 1:500-1:1,000; FC: 1:200-1:1,000; IHC: 1:200-1:500

Storage: Store at 4°C. Product is guaranteed 6 months from the date of shipment.

Product Citations: Schlossman S. et al., eds. 1995. Leucocyte Typing V: White Cell Differentiation Antigens. P246, Oxford University Press, New York.

For research use only, not for diagnostic or therapeutic procedures.