



www.AntibodyResearch.com

## Antibody Research Corporation

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### Product Data Sheet

**Product Name:** Anti-Human CD4 Biotin

**Catalogue No.:** 181818

**Alternate Names:** gp55, HLA-2, L3T4, Ly-4, T cell antigen T4/LEU3, T4, sCD4, CD4mut.

**Description:** CD4 is a cell-surface glycoprotein found on the mature helper T cells and immature thymocytes, as well as on monocytes and macrophages. (Some cytotoxic T cells have CD4 protein as well.) Normally, about 65% of T cells in the blood are CD4+ (have CD4 protein protruding from their membrane). Mature T cells with either have CD4 or CD8, but not both. During one stage of development T cells develop CD4 and CD8 receptors, but they eventually are differentiated in the thymus and become more specialized.

**Specificity:** Human

**Type:** Monoclonal

**Concentration:** 1mg/ml

**Purity:** Ion exchange column

**Storage:** Lyophilized: store at 4°C. After reconstitution, if not intended for use within a month, aliquot and store at -20°C.

**Stability:** Two years lyophilized, one month in solution at 4°C.

**Shipping:** Products may be shipped on ice pack or dry ice.

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**For Research Use Only. Not for Diagnostic or Therapeutic Work.**

ARC will not be held responsible for patent infringement or other violation that may occur with the use of this product.