

IL6R

Mouse Anti-Human IL-6R (Clone B-R6) mAb

Catalog No. CDM008 Quantity: 200 tests

Alternate Names: IL6R, CD126, IL-6R-1, IL-6R-alpha, IL6RA, gp80

Description: The monoclonal antibody recognizes human IL-6 receptor alpha. IL-6 is a potent

pleiotropic cytokine that regulates cell growth and differentiation and plays an important role in the immune response. The IL-6 receptor is a protein complex consisting of this protein and IL-6 signal transducer (IL6ST/GP130/IL6-beta), a receptor subunit also shared by many other cytokines. Dysregulated production of IL-6 and this receptor are

implicated in the pathogenesis of many diseases, such as multiple myeloma,

autoimmune diseases and prostate cancer.

Gene ID: 3570

Concentration: 100 tests/ml

Conjugate: Unconjugated

Specificity: Recognizes soluble and membrane bound IL-6 Receptor alpha subunit, a 80 kDa protein

Host: Mouse

Isotype: IgG1

Immunogen: gp80-transfected CHO cell line

Clone: B-R6

Formulation: Liquid in PBS with 1% BSA and 0.1% sodium azide. Precaution: Sodium azide is a

poisonous and hazardous substance which should be handled by trained staff only.

Purification: Ion exchange chromatography

Applications: Flow Cytometry, Immunohistochemistry

Application Notes: Use 10 μl to label 10⁶ cells or 100 μl of whole blood.

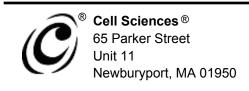
The optimal concentration should be determined by the user for each specific application.

Storage & Stability: Stable for 1 year at 2-8°C. For longer storage freeze in working aliquots at -20°C to -80°

C. Avoid repeated freeze-thaw cycles.

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