

IL6R

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

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| 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 10 ⁶ 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. | | |

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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