

## PRODUCT INFORMATION SUMMARY

### ANTI-Human sIL-2 Receptor alpha

MONOCLONAL ANTIBODY

MC671500 Purified Antibody 0.5 mg

#### SPECIFICITY:

Human IL-2 Receptor alpha, **Mouse** monoclonal antibody produced using highly purified recombinant human IL-2 receptor alpha as immunogen. Purified by protein G affinity chromatography.

**IMMUNOGLOBULIN CHAIN COMPOSITION:** **Mouse** IgG2a, kappa chains

**PURIFICATION METHOD:** Protein G affinity chromatography.  
Sterile filtered, lyophilized from PBS.  
Clone AA2R

#### RESEARCH APPLICATIONS:

**ELISA:** As capture ( coating ) antibody concentration of approx. 5.0 ug/mL ( using 100 uL/well) was used to detect approximately 80.0-100 pg/mL in standard sandwich ELISA application.

**NEUTRALIZATION:** Antibody concentration of approx. 1.5 ug/mL was used to neutralize 10.0 ng/mL human sIL-2R alpha ( @ half maximal effect).

**Western Blot:** Antibody concentration of 0.4 ug/mL was used to detect approx. 4.0 ng/lane human recombinant sIL-2R alpha ( non-reducing conditions).

#### HANDLING AND STORAGE:

Lyophilized, purified monoclonal antibody upon reconstitution with 0.5 ml of sterile or distilled water will be in a medium containing 0.01M phosphate-buffered saline, pH 7.4. These preparations should be diluted in a protein-containing or other stabilizing medium to a concentration suitable for use in specific protocols. Lyophilized reagents should be stored at -20° C until reconstitution. For long-term storage, freeze aliquots and store at -20 Deg. C. Avoid repeat freeze-thaw.

**RESEARCH USE ONLY**