

## IL-2R $\alpha$ (R264) polyclonal antibody

Catalog: BS1758

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

The Interleukin 2 Receptor alpha and beta chains, together with the common gamma chain, constitute the high affinity IL2 receptor present on activated T and B cells, thymocyte subset, pre B cells and T regulatory cells. Homodimeric alpha chains result in low affinity receptor, while homodimeric beta chains produce a medium affinity receptor. Normally an integral membrane protein, soluble IL2 Receptor alpha has been isolated and determined to result from extracellular proteolysis. Alternately spliced IL2 Receptor alpha mRNAs have been isolated, but the significance of each is presently unknown.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

### Molecular Weight:

~ 55 kDa

### Swiss-Prot:

P01589

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

IF: 1:50~1:200

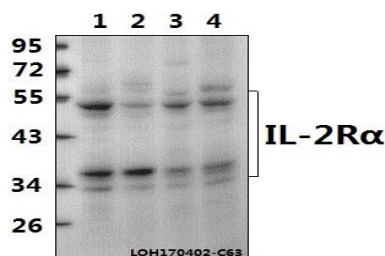
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

IL-2R $\alpha$  (R264) polyclonal antibody detects endogenous levels of IL-2R $\alpha$  protein.

### DATA:



Western blot (WB) analysis of IL-2R $\alpha$  (R264) polyclonal antibody at 1:500 dilution

Lane1:PC3 whole cell lysate(40ug)

Lane2:A549 whole cell lysate(40ug)

Lane3:PMVEC whole cell lysate(40ug)

Lane4:BV2 whole cell lysate(40ug)

### Note:

For research use only, not for use in diagnostic procedure.

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