

## IL2RA monoclonal antibody

Catalog: MB21722

Host: Mouse

Reactivity: Human, Mouse, Monkey, Rat

**BackGround:**

The interleukin 2 (IL2) receptor alpha (IL2RA) and beta (IL2RB) chains, together with the common gamma chain (IL2RG), constitute the high-affinity IL2 receptor. Homodimeric alpha chains (IL2RA) result in low-affinity receptor, while homodimeric beta (IL2RB) chains produce a medium-affinity receptor. Normally an integral-membrane protein, soluble IL2RA has been isolated and determined to result from extracellular proteolysis. Alternately-spliced IL2RA mRNAs have been isolated, but the significance of each is presently unknown. Mutations in this gene are associated with interleukin 2 receptor alpha deficiency.

**Product:**

Purified antibody in PBS with 0.05% sodium azide

**Molecular Weight:**

30.8kDa

**Swiss-Prot:**

P01589

**Purification&Purity:**

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

**Applications:**

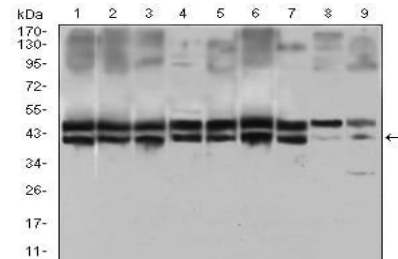
WB:1/500 - 1/2000 IHC:1/200 - 1/1000 IF:1/200 - 1/1000

**Storage&Stability:**

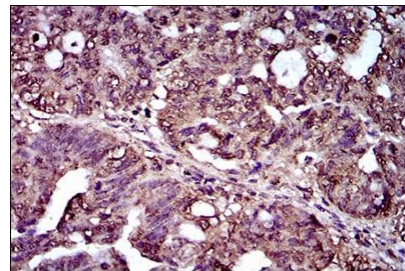
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

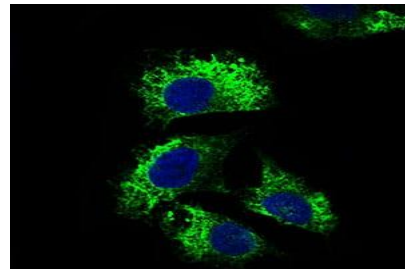
Mouse IgG1

**DATA:**

Western blot analysis using IL2RA mouse mAb against HeLa (1), MOLT4 (2), HEK293 (3), A549 (4), Jurkat (5), K562 (6), Cos7 (7), PC-12 (8) and NIH/3T3 (9) cell lysate.



Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues using IL2RA mouse mAb with DAB staining.



Immunofluorescence analysis of HeLa cells using IL2RA mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.

**Note:**

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

**Bioworld Technology, Inc.**

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: [info@bioworld.com](mailto:info@bioworld.com)

Tel: 6123263284

Fax: 6122933841

**Bioworld technology, co. Ltd.**

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: [info@biogot.com](mailto:info@biogot.com)

Tel: 0086-025-68037686

Fax: 0086-025-68035151