

Recombinant IL3RA/CD123 Monoclonal Antibody

catalog number: **AN300195P**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

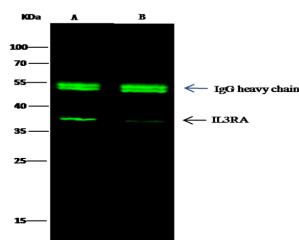
Reactivity	Human
Immunogen	Recombinant Human IL3RA protein
Host	Rabbit
Isotype	IgG
Clone	7C8
Purification	Protein A
Buffer	0.2 μm filtered solution in PBS

Applications

Recommended Dilution

WB	1:500-1:1000
IP	0.2-1 μL/mg of lysate

Data



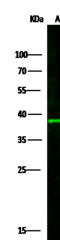
Immunoprecipitation analysis using 0.5 μL anti-IL3RA Monoclonal Antibody and 15 μl of 50 % Protein G agarose.

Western blot was performed from the immunoprecipitate using IL3RA Monoclonal Antibody at a dilution of 1:350.

Lane A: 0.5 mg HeLa Whole Cell Lysate, Lane B: 0.5 mg MCF-7 Whole Cell Lysate

Observed-MW: 38 kDa

Calculated-MW: 43 kDa



Western Blot with IL3RA / CD123 Monoclonal Antibody at dilution of 1:500. Lane A: HeLa Whole Cell Lysate, Lysates/proteins at 30 μg per lane.

Observed-MW: 38 kDa

Calculated-MW: 43 kDa

Preparation & Storage

Storage This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.

Shipping Ice bag

Background

CD123 is the 70 kD transmembrane α chain of the IL-3 receptor. Alone, CD123 binds IL-3 with low affinity; when CD123 associates with CDw131 (common β chain), it binds IL-3 with high affinity. CD123 does not transduce intracellular signals upon binding IL-3 and requires the β chain for this function. CD123 is expressed by myeloid precursors, macrophages, dendritic cells, mast cells, basophils, megakaryocytes, and some B cells.

For Research Use Only