

## CD44 Antibody Polyclonal Antibody

**catalog number: AN100005P**

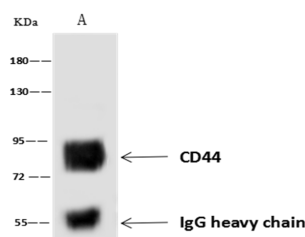
**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant Human CD44 Protein
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Protein A & Antigen Affinity
<b>Buffer</b>	0.2 µm filtered solution in PBS

### Applications

Applications	Recommended Dilution
<b>WB</b>	1:500-1:2000
<b>IHC-P</b>	1:1000-1:10000
<b>ICC/IF</b>	1:100-1:500
<b>IP</b>	1-5 µL/mg of lysate



Immunoprecipitation analysis using 4 µL anti-CD44 rabbit polyclonal antibody and 60 µg of Immunomagnetic beads

Protein A/G. Western blot was performed from the immunoprecipitate using CD44 rabbit polyclonal antibody at a dilution of 1:100. Lane A: 0.5 mg HeLa Whole Cell Lysate

**Observed-MW: 81 kDa**

**Calculated-MW: 81 kDa**

### Preparation & Storage

<b>Storage</b>	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.
<b>Shipping</b>	Ice bag

### Background

CD44 is a 80-95 kD glycoprotein also known as Hermes, Pgp1, H-CAM, or HUTCH. It is expressed on all leukocytes, endothelial cells, hepatocytes, and mesenchymal cells. As B and T cells become activated or progress to the memory stage, CD44 expression increases from a low or mid level of intensity to high expression levels. Thus, CD44 has been reported to be a valuable marker for memory cell subsets. CD44 is an adhesion molecule involved in leukocyte attachment to and rolling on endothelial cells, homing to peripheral lymphoid organs and to the sites of inflammation, and leukocyte aggregation.

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