

## Recombinant CD50/ICAM-3 Monoclonal Antibody

**catalog number: AN300042P**

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

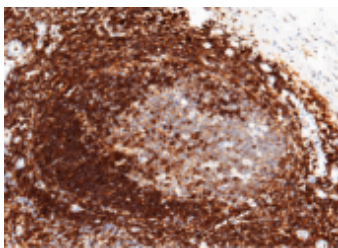
### Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant Human CD50 / ICAM-3 protein
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Clone</b>	1F9
<b>Purification</b>	Protein A
<b>Buffer</b>	0.2 µm filtered solution in PBS

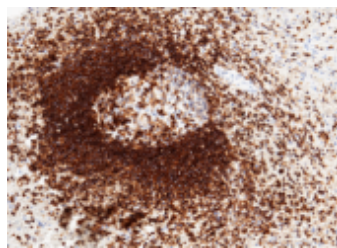
### Applications Recommended Dilution

<b>IHC-P</b>	1:100-1:500
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### Data



Immunohistochemistry of paraffin-embedded human tonsil using CD50 / ICAM-3 Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded human spleen using CD50 / ICAM-3 Monoclonal Antibody at dilution of 1:200.

### 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

CD50 is a 120-140 kD type I membrane protein also known as intercellular adhesion molecule 3 (ICAM-3). It is broadly expressed on leukocytes, endothelial cells, and Langerhans cells. CD50 is a member of the Ig superfamily. It provides costimulatory signal for T cells and regulates cell adhesion through interaction with LFA-1 (CD11a/CD18,  $\alpha$ L/ $\beta$ 2) integrin.

### For Research Use Only