

## Recombinant CD79B/Ig-beta Monoclonal Antibody

catalog number: **AN300556P**

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

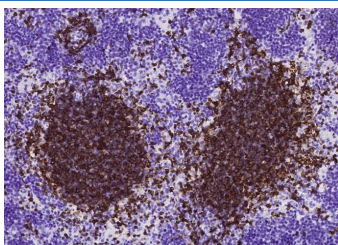
### Description

<b>Reactivity</b>	Mouse
<b>Immunogen</b>	Recombinant Mouse CD79B/Ig-beta Protein
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Clone</b>	5F7
<b>Purification</b>	Protein A
<b>Buffer</b>	0.2 µm filtered solution in PBS

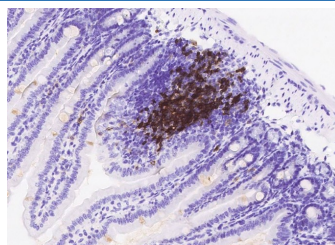
### Applications Recommended Dilution

<b>IHC-P</b>	1:200-1:1000
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### Data



Immunohistochemistry of paraffin-embedded mouse spleen using CD79B/Ig-beta Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded mouse small intestine using CD79B/Ig-beta Monoclonal Antibody at dilution of 1:500.

### 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

CD79 molecule encompasses two transmembrane proteins, CD79a and CD79b, which form a disulfide-linked heterodimer and are members of the immunoglobulin (Ig) gene superfamily (PMID: 2033258; 1375264; 2304550). CD79b molecule (also known as B29, IGB, AGM6, and Igbeta) is expressed almost exclusively on B cells and B-cell neoplasms, influencing antigen internalization and increasing antigen presentation efficiency (PMID: 7552998). CD79b mutation could be a key biomarker for DLBCL disease progression (PMID: 36182550).

### For Research Use Only