

## CD79B polyclonal antibody

Catalog: BS60825

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

CD79 (also designated Ig  $\alpha$ /Ig  $\beta$ ) is a heterodimer composed of  $\alpha$  chains, designated CD79A or MB-1, and  $\beta$  chains, designated CD79B or B29. The B cell antigen receptor complex (BCR) is formed by the association of CD79 with a membrane immunoglobulin, such as IgM or IgD. The membrane immunoglobulins IgM and IgD achieve surface expression and antigen presentation function in response to CD79 association. The cytoplasmic tails of both CD79A and CD79B contain an ITAM (immuno-receptor tyrosine-based activation) motif, which acts to initiate the BCR signaling reactions by binding to and activating tyrosine kinases.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 39 kDa

### Swiss-Prot:

P40259

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 99% (by SDS-PAGE).

### Applications:

WB: 1:500~1:1000

### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -24 °C long term. Avoid freeze-thaw cycles.

### Specificity:

CD79B polyclonal antibody detects endogenous levels of CD79B protein.

### DATA:



Western blot analysis of CD79b expression in mouse heart (A), mouse spleen (B) whole cell lysates.

### Note:

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

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