

**CD79A polyclonal antibody**

Catalog: BCP00458

Host: Rabbit

Reactivity: Rat,Mouse,Human

**BackGround:**

Required in cooperation with CD79B for initiation of the signal transduction cascade activated by binding of antigen to the B-cell antigen receptor complex (BCR) which leads to internalization of the complex, trafficking to late endosomes and antigen presentation. Also required for BCR surface expression and for efficient differentiation of pro- and pre-B-cells. Stimulates SYK autophosphorylation and activation. Binds to BLNK, bringing BLNK into proximity with SYK and allowing SYK to phosphorylate BLNK. Also interacts with and increases activity of some Src-family tyrosine kinases. Represses BCR signaling during development of immature B-cells.

**Product:**

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

**Molecular Weight:**

~ 45 kDa

**Swiss-Prot:**

P11912

**Purification&Purity:**

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

**Applications:**

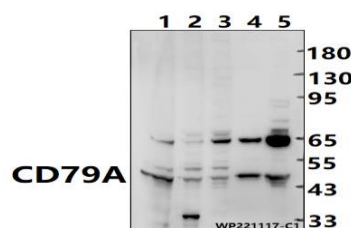
WB: 1:2000~1:5000

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Specificity:**

CD79A polyclonal antibody detects endogenous levels of CD79A protein.

**DATA:**

Western blot (WB) analysis of CD79A polyclonal antibody at 1:2000 dilution

Lane1:C6 whole cell lysate(30ug)

Lane2:CT-26 whole cell lysate(30ug)

Lane3:SGC7901 whole cell lysate(30ug)

Lane4:EC9706 cell membrane lysate(30ug)

Lane5:MCF-7 cell membrane lysate(30ug)

**Note:**

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