

CD59 Polyclonal Antibody

Product Details

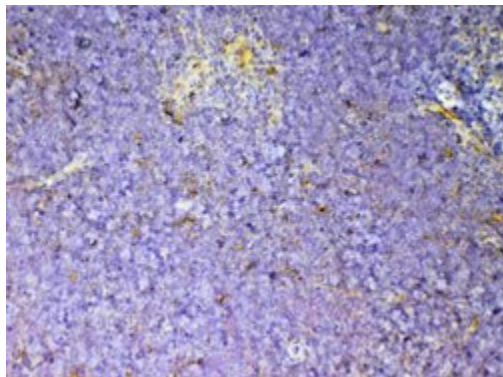
| | |
|--------------------|---|
| Size | 100 µg |
| Species Reactivity | Mouse, Rat |
| Host/Isotope | Rabbit / IgG |
| Class | Polyclonal |
| Type | Antibody |
| Conjugate | Unconjugated |
| Immunogen | E. coli-derived mouse CD59 recombinant protein (Position: L24-S96). |
| Form | Lyophilized |
| Concentration | 500 µg/mL |
| Purification | Antigen affinity chromatography |
| Storage buffer | PBS with 4mg trehalose |
| Contains | 0.05mg sodium azide |
| Storage Conditions | -20°C |
| RRID | AB_2746110 |

| Applications | Tested Dilution | Publications |
|---|-----------------|--------------|
| Immunohistochemistry (Paraffin) (IHC (P)) | 0.5-1 µg/mL | - |
| Western Blot (WB) | 0.1-0.5 µg/mL | - |

Product Specific Information

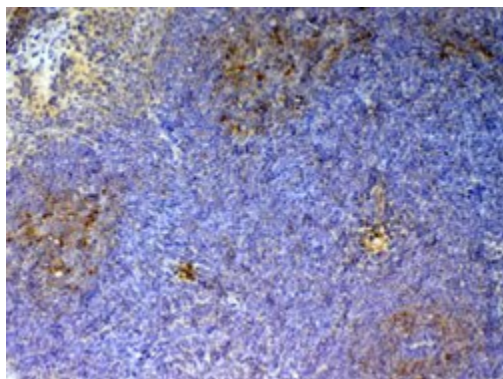
Add 0.2 mL of distilled water, will yield a concentration of 500 µg/mL.

Product Images For CD59 Polyclonal Antibody



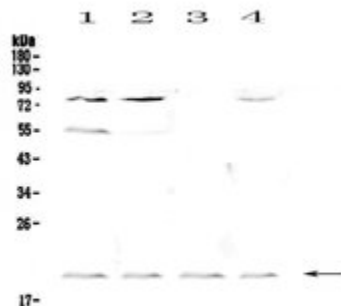
CD59 Antibody (PA5-78994) in IHC (P)

Immunohistochemistry analysis of CD59 on paraffin-embedded mouse thymus tissue. Antigen retrieval was performed using citrate buffer (pH6, epitope retrieval solution) for 20 mins. Sample was blocked using 10% goat serum, incubated with CD59 polyclonal antibody (Product# PA5-78994) with a dilution of 1 µg/mL (overnight at 4°C), and followed by biotinylated goat anti-rabbit IgG (30 minutes at 37°C). Development was performed using Streptavidin-Biotin-Complex (SABC) with DAB chromogen method.



CD59 Antibody (PA5-78994) in IHC (P)

Immunohistochemistry analysis of CD59 on paraffin-embedded mouse spleen tissue. Antigen retrieval was performed using citrate buffer (pH6, epitope retrieval solution) for 20 mins. Sample was blocked using 10% goat serum, incubated with CD59 polyclonal antibody (Product# PA5-78994) with a dilution of 1 µg/mL (overnight at 4°C), and followed by biotinylated goat anti-rabbit IgG (30 minutes at 37°C). Development was performed using Streptavidin-Biotin-Complex (SABC) with DAB chromogen method.



CD59 Antibody (PA5-78994) in WB

Western blot analysis of CD59 in Lane 1: rat liver tissue lysate, Lane 2: rat kidney tissue lysate, Lane 3: rat spleen tissue lysate, Lane 4: rat brain tissue lysate using 50 µg (reducing conditions) per well. Electrophoresis was performed on 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours and protein was transferred to a nitrocellulose membrane at 150mA for 50-90 minutes. Sample was blocked with 5% Non-fat Milk/TBS for 1.5 hours at room temperature, incubated with CD59 polyclonal antibody (Product # PA5-78994) at a dilution of 0.5 µg/mL (overnight at 4°C), followed by goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10,000. Signal development was performed using a chemiluminescence (ECL) kit.

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