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

| Description |  |
| :--- | :--- |
| Reactivity | Human,Mouse |
| Immunogen | Recombinant fusion protein of human SPN (NP_003114.1). |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Affinity purification |
| Conjugation | Unconjugated |
| Formulation | PBS with 0.02\% sodium azide, 50\% glycerol, pH7.3. |
| Applications | Recommended Dilution |
| WB | 1:500-1:2000 |
| IHC | 1:50-1:200 |
| Data |  |



Western blot analysis of extracts of THP-1 cells using SPN Polyclonal Antibody at dilution of 1:1000.

Observed Mw: 130kDa
Calculated Mw:40kDa


Immunohistochemistry of paraffin-embedded Mouse lung using SPN Polyclonal Antibody at dilution of 1:100 (40x lens).


Immunohistochemistry of paraffin-embedded Human tonsil using SPN Polyclonal Antibody at dilution of 1:100 (40x lens).


Immunohistochemistry of paraffin-embedded Mouse spleen using SPN Polyclonal Antibody at dilution of 1:100 (40x lens).

## Preparation \& Storage

Storage Store at $-20^{\circ} \mathrm{C}$. Avoid freeze / thaw cycles.

## Background

The protein encoded by this gene is a major sialoglycoprotein found on the surface of thymocytes, T lymphocytes, monocytes, granulocytes, and some B lymphocytes. It may be part of a physiologic ligand-receptor complex involved in Tcell activation. During T-cell activation, this protein is actively removed from the T-cell-APC (antigen-presenting cell)

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contact site, suggesting a negative regulatory role in adaptive immune response.

