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Datasheet for ABIN7439069
anti-IL2RG antibody (AA 23-263)

3 Images

Overview

| | |
|----------------------|--|
| Quantity: | 100 µL |
| Target: | IL2RG |
| Binding Specificity: | AA 23-263 |
| Reactivity: | Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This IL2RG antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP) |

Product Details

| | |
|-------------------|--|
| Purpose: | Polyclonal Antibody to Interleukin 2 Receptor Gamma (IL2Rg) |
| Immunogen: | Recombinant Interleukin 2 Receptor Gamma (IL2Rg) corresponding to Trp23~Ala263 with N-terminal His Tag |
| Isotype: | IgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against IL2Rg. It has been selected for its ability to recognize IL2Rg in immunohistochemical staining and western blotting. |
| Cross-Reactivity: | Human, Rat |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

Target Details

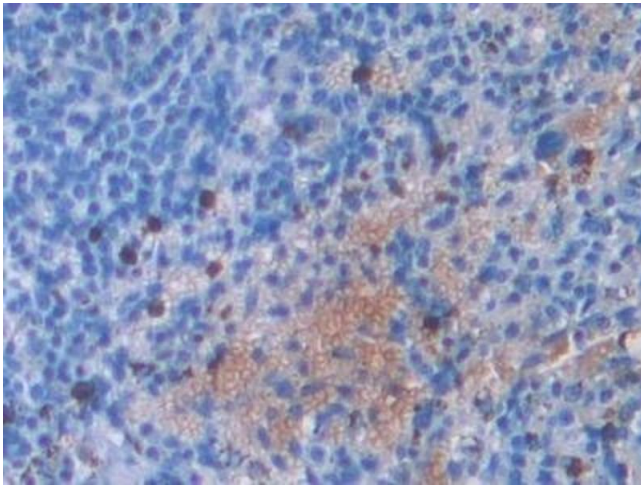
| | |
|-------------------|--|
| Target: | IL2RG |
| Alternative Name: | Interleukin 2 Receptor Gamma (IL2RG Products) |
| Background: | CD132, IL2R-g, IL2-RG, CD132, IMD4, p64, SCIDX, SCIDX1, Cytokine Receptor Common Gamma Chain, Severe Combined Immunodeficiency |
| Pathways: | JAK-STAT Signaling , Growth Factor Binding |

Application Details

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|--------------------|---|
| Application Notes: | Western blotting: 0.5-3 µg/mL Immunohistochemistry: 5-30 µg/mL Immunocytochemistry: 5-30 µg/mL Optimal working dilutions must be determined by end user. |
| Comment: | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions: | For Research Use only |

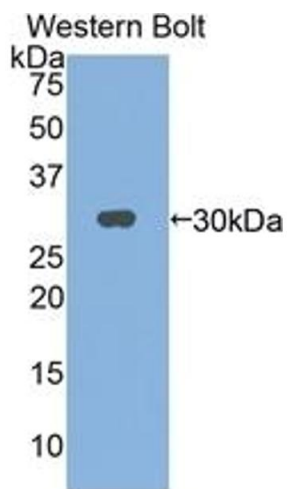
Handling

| | |
|--------------------|---|
| Format: | Liquid |
| Buffer: | PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |
| Expiry Date: | 24 months |



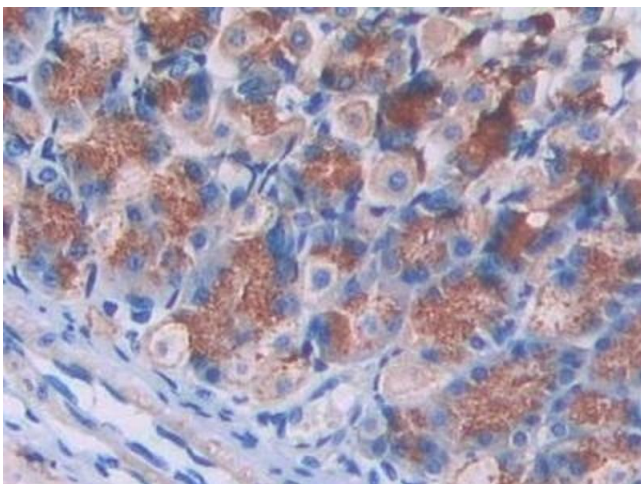
Immunohistochemistry

Image 1. Detection of IL2Rg in Mouse Spleen Tissue using Polyclonal Antibody to Interleukin 2 Receptor Gamma (IL2Rg)



Western Blotting

Image 2. Detection of Recombinant IL2Rg, Mouse using Polyclonal Antibody to Interleukin 2 Receptor Gamma (IL2Rg)



Immunohistochemistry

Image 3. Detection of IL2Rg in Mouse Stomach Tissue using Polyclonal Antibody to Interleukin 2 Receptor Gamma (IL2Rg)