

Datasheet for ABIN7430861
anti-IL-6 antibody (AA 21-211)

3 Images

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Overview

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|----------------------|--|
| Quantity: | 100 µL |
| Target: | IL-6 (IL6) |
| Binding Specificity: | AA 21-211 |
| Reactivity: | Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This IL-6 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

Product Details

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|---------------|--|
| Purpose: | Polyclonal Antibody to Interleukin 6 (IL6) |
| Immunogen: | Recombinant Interleukin 6 (IL6) corresponding to Thr21~Thr211 with N-terminal His Tag |
| Isotype: | IgG |
| Specificity: | The antibody is a rabbit polyclonal antibody raised against IL6. It has been selected for its ability to recognize IL6 in immunohistochemical staining and western blotting. |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |

Target Details

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|---------|------------|
| Target: | IL-6 (IL6) |
|---------|------------|

Target Details

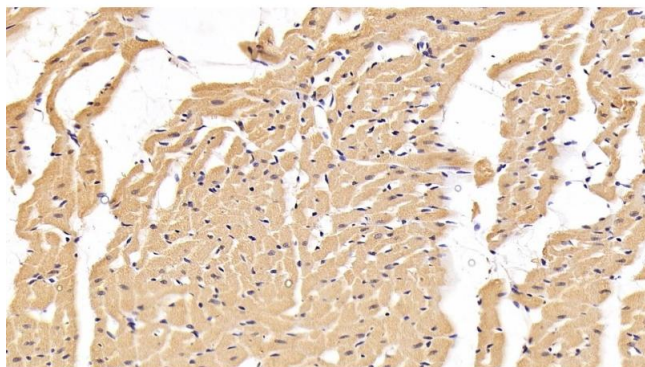
| | |
|-------------------|---|
| Alternative Name: | Interleukin 6 (IL6 Products) |
| Background: | MG12-A, MG12A, HGF, BSF2, HSF, IFNB2, B-Cell Stimulatory Factor-2, Hybridoma/Plasmacytoma Growth Factor, Hepatocyte Stimulating Factor, Cytotoxic T-Cell Differentiation Factor |
| Pathways: | TLR Signaling , Hormone Transport , Negative Regulation of Hormone Secretion , Myometrial Relaxation and Contraction , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , Regulation of Carbohydrate Metabolic Process , Autophagy , Cell RedoxHomeostasis , Cancer Immune Checkpoints , Inflammasome |

Application Details

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|--------------------|---|
| Application Notes: | Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 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 |

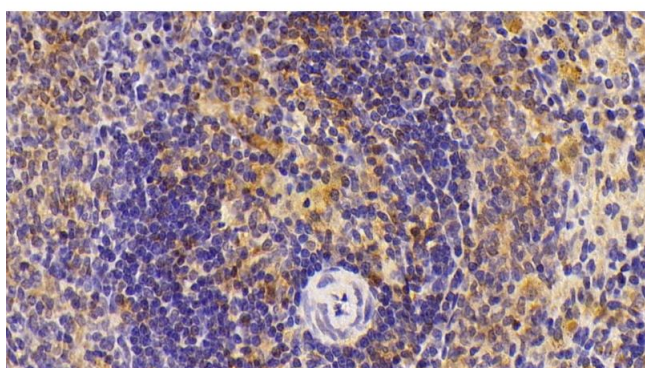
Handling

| | |
|--------------------|---|
| Format: | Liquid |
| Buffer: | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: 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 |



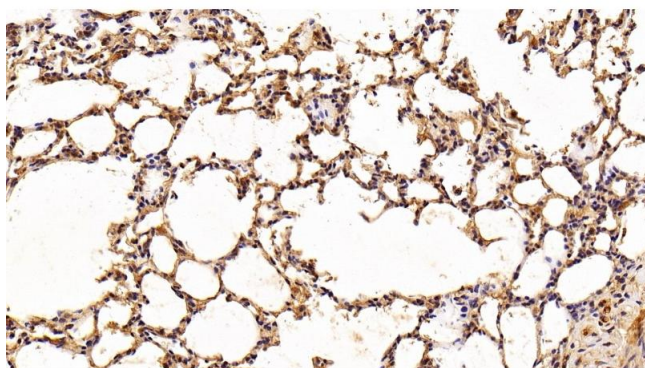
Immunohistochemistry

Image 1. Detection of IL6 in Rat Cardiac Muscle Tissue using Polyclonal Antibody to Interleukin 6 (IL6)



Immunohistochemistry

Image 2. Detection of IL6 in Rat Spleen Tissue using Polyclonal Antibody to Interleukin 6 (IL6)



Immunohistochemistry

Image 3. Detection of IL6 in Rat Lung Tissue using Polyclonal Antibody to Interleukin 6 (IL6)