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Datasheet for ABIN2814737

anti-IL-11 antibody (AA 22-120) (Alexa Fluor 594)

Overview

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|----------------------|--|
| Quantity: | 100 µL |
| Target: | IL-11 (IL11) |
| Binding Specificity: | AA 22-120 |
| Reactivity: | Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This IL-11 antibody is conjugated to Alexa Fluor 594 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

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|-----------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human IL-11 |
| Isotype: | IgG |
| Cross-Reactivity: | Mouse, Rat |
| Predicted Reactivity: | Human,Dog,Cow,Pig,Guinea Pig |
| Purification: | Purified by Protein A. |

Target Details

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|-------------------|---|
| Target: | IL-11 (IL11) |
| Alternative Name: | IL-11 (IL11 Products) |

Target Details

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|-------------|---|
| Background: | <p>Synonyms: Interleukin-11, Adipogenesis inhibitory factor, AG, IL 11, IL11, Interleukin 11, Oprelvekin, IL11_HUMAN.</p> <p>Background: Interleukin 11 is a pleiotropic cytokine produced by mesenchymal-derived adherent cells. IL11 shares many functions of IL6 and LIF, including potentiation of megakaryocyte activity, enhancement of human myeloma cell proliferation, and enhancement of hepatic acute phase protein production. Interleukin 11 directly stimulates the proliferation of hematopoietic stem cells and megakaryocyte progenitor cells, and induces megakaryocyte maturation resulting in increased platelet production. Clinically it is used to prevent severe thrombocytopenia and the reduction of the need for platelet transfusion following myelosuppressive chemotherapy.</p> |
| Gene ID: | 3589 |
| UniProt: | P20809 |
| Pathways: | JAK-STAT Signaling , Negative Regulation of Hormone Secretion |

Application Details

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|--------------------|---|
| Application Notes: | <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> |
| Restrictions: | For Research Use only |

Handling

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|--------------------|--|
| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 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: | -20 °C |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date: | 12 months |