

Datasheet for ABIN757087
anti-CD131 antibody (pTyr766)



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Overview

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| Quantity: | 100 µL |
| Target: | CD131 (CSF2RB) |
| Binding Specificity: | pTyr766 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CD131 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)) |

Product Details

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|-----------------------|---|
| Immunogen: | KLH conjugated synthetic phosphopeptide derived from human CSF2RB around the phosphorylation site of Tyr766 |
| Isotype: | IgG |
| Predicted Reactivity: | Human,Cow,Pig,Horse,Rabbit,Guinea Pig |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--|
| Target: | CD131 (CSF2RB) |
| Alternative Name: | CSF2RB (CSF2RB Products) |

Target Details

Background: Synonyms: GM-CSF receptor beta chain, Cytokine receptor common subunit beta, CDw131, GM-CSF/IL-3/IL-5 receptor common beta subunit, CSF2RB, IL3RB, IL5RB: GM-CSFr_.

Background: GM-CSF Receptor Beta is the β subunit of the heterodimeric receptor for colony stimulating factor 2, a cytokine which controls the production, differentiation, and function of granulocytes and macrophages. The encoded protein is a member of the cytokine family of receptors. This gene is found in the pseudoautosomal region (PAR) of the X and Y chromosomes. Six transcript variants encoding five different isoforms have been found for this gene, with some of the isoforms being membrane-bound and others being soluble.

Gene ID: 1439

Pathways: [JAK-STAT Signaling](#)

Application Details

Application Notes:

- WB 1:300-5000
- ELISA 1:500-1000
- IHC-P 1:200-400
- IHC-F 1:100-500
- IF(IHC-P) 1:50-200
- IF(IHC-F) 1:50-200
- IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 $\mu\text{g}/\mu\text{L}$

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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: 4 °C, -20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months