

## Allgemeine Informationen

|                                                                                                                               |                                                                                  |                                                          |
|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------|
| <b>Katalog-Nr.:</b><br>18310-1-AP                                                                                             | <b>GenBank-Zugangsnummer:</b><br>BC053585                                        | <b>Reinigungsmethode:</b><br>Antigen-Affinitätsreinigung |
| <b>Größe:</b><br>150ul , Konzentration: 300 µg/ml von Nanodrop und 200 µg/ml durch die Bradford-Methode mit BSA als Standard; | <b>GeneID (NCBI):</b><br>1441                                                    | <b>Empfohlene Verdünnungen:</b><br>WB 1:500-1:2000       |
| <b>Wirt:</b><br>Kaninchen                                                                                                     | <b>Vollständiger Name:</b><br>colony stimulating factor 3 receptor (granulocyte) |                                                          |
| <b>Isotyp:</b><br>IgG                                                                                                         | <b>Berechnete Masse:</b><br>95 kDa                                               |                                                          |
|                                                                                                                               | <b>Beobachtete Masse:</b><br>85 kDa                                              |                                                          |

## Anwendungen

|                                                     |                                                            |
|-----------------------------------------------------|------------------------------------------------------------|
| <b>Geprüfte Anwendungen:</b><br>FC, WB,ELISA        | <b>Positivkontrollen:</b><br>WB : humanes Plazenta-Gewebe, |
| <b>In Publikationen genannte Anwendungen:</b><br>WB |                                                            |
| <b>Getestete Reaktivität:</b><br>Human              |                                                            |
| <b>Zitierte Arten:</b><br>Human, Maus               |                                                            |

## Hintergrundinformationen

G-CSF-R, also named as CSF3R, CD114 and GCSFR is the receptor for colony stimulating factor 3, a cytokine that controls the production, differentiation, and function of granulocytes. It is a 130 kD to 150 kD glycoprotein single chain receptor which binds and activated by GCSF. In addition it may function in some adhesion or recognition events at the cell surface. It has been classified as a member of the hematopoietic (cytokine) receptor family, cytokine receptor class I, or the gp 130 related cytokine receptor family (although it does not apparently bind to gp 130). GCSF receptors can be found on neutrophils, myeloid leukemia cells that respond to GCSF, bone marrow cells of neutrophilic granulocyte lineage, and on placental trophoblasts. In addition, a soluble form is also expressed. Mutations in this gene are a cause of Kostmann syndrome, also known as severe congenital neutropenia.

## Bemerkenswerte Veröffentlichungen

| Verfasser      | Pubmed ID | Journal        | Anwendung |
|----------------|-----------|----------------|-----------|
| Mary P Udumula | 34144215  | Mol Metab      | WB        |
| Yang Cheng     | 30779348  | J Cell Physiol | WB        |

## Lagerung

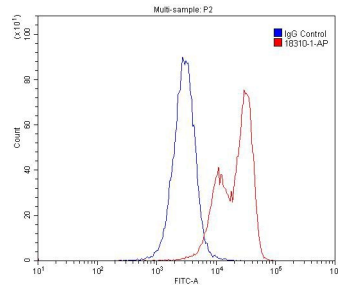
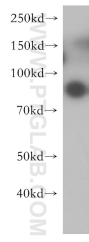
**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

For technical support and original validation data for this product please contact:  
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## Ausgewählte Validierungsdaten



human placenta tissue were subjected to SDS PAGE followed by western blot with 18310-1-AP (G-CSFR antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.

1X10<sup>6</sup> U-937 cells were stained with 0.2ug G-CSFR antibody (18310-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.