

# Product Datasheet

## GM-CSFR alpha Antibody (JE61-37) NBP3-32120

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-32120**

GM-CSFR alpha Antibody (JE61-37)

| Product Information         |                                                                                                                             |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 100 ul                                                                                                                      |
| Concentration               | 1 mg/ml                                                                                                                     |
| Storage                     | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                                      |
| Clonality                   | Monoclonal                                                                                                                  |
| Clone                       | JE61-37                                                                                                                     |
| Preservative                | 0.05% Sodium Azide                                                                                                          |
| Isotype                     | IgG                                                                                                                         |
| Purity                      | Protein A purified                                                                                                          |
| Buffer                      | 1*TBS (pH7.4), 0.05% BSA and 40% Glycerol                                                                                   |
| Target Molecular Weight     | 46 kDa                                                                                                                      |
| Product Description         |                                                                                                                             |
| Host                        | Rabbit                                                                                                                      |
| Gene ID                     | 1438                                                                                                                        |
| Gene Symbol                 | CSF2RA                                                                                                                      |
| Species                     | Human                                                                                                                       |
| Immunogen                   | Recombinant protein within Human GM-CSFR alpha aa 23-122 / 400. (Uniprot: P15509)                                           |
| Product Application Details |                                                                                                                             |
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry                   |
| Recommended Dilutions       | Western Blot 1:500, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:50, Immunohistochemistry-Paraffin 1:1000 |



## Images

**Western Blot: GM-CSFR alpha Antibody (JE61-37) [NBP3-32120]** - Western blot analysis of GM-CSFR alpha on different lysates with Rabbit anti-GM-CSFR alpha antibody (NBP3-32120) at 1/500 dilution.

Lane 1: JAR cell lysate (10 ug/Lane)  
Lane 2: Hela cell lysate (10 ug/Lane)  
Lane 3: 293T cell lysate (10 ug/Lane)  
Lane 4: Human placenta tissue lysate (20 ug/Lane)

Predicted band size: 46 kDa  
Observed band size: 50 kDa

Exposure time: 2 minutes;

12% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32120) at 1/500 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.

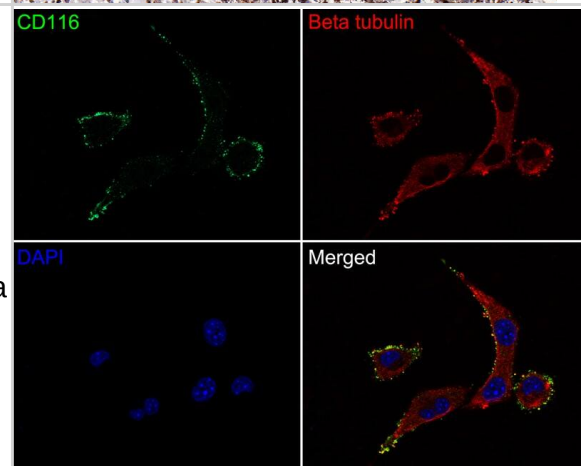
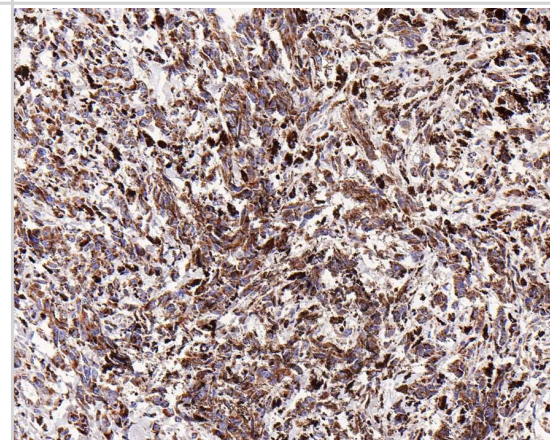
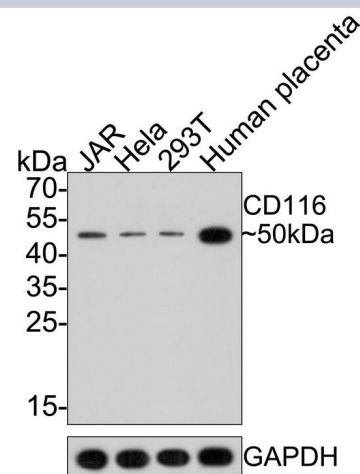
**Immunohistochemistry: GM-CSFR alpha Antibody (JE61-37) [NBP3-32120]** - Immunohistochemical analysis of paraffin-embedded human malignant melanoma tissue with Rabbit anti-GM-CSFR alpha antibody (NBP3-32120) at 1/500 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (NBP3-32120) at 1/500 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

**Immunocytochemistry/ Immunofluorescence: GM-CSFR alpha Antibody (JE61-37) [NBP3-32120]** - Immunocytochemistry analysis of SiHa cells labeling GM-CSFR alpha with Rabbit anti-GM-CSFR alpha antibody (NBP3-32120) at 1/50 dilution.

Cells were fixed in 4% paraformaldehyde for 10 minutes at 37 °C, permeabilized with 0.05% Triton X-100 in PBS for 20 minutes, and then blocked with 2% negative goat serum for 30 minutes at room temperature. Cells were then incubated with Rabbit anti-GM-CSFR alpha antibody (NBP3-32120) at 1/50 dilution in 2% negative goat serum overnight at 4 °C. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. Nuclear DNA was labelled in blue with DAPI.

Beta tubulin (red) was stained at 1/100 dilution overnight at +4 °C. Goat Anti-Mouse IgG H&L (iFluor™ 594) was used as the secondary antibody at 1/1,000 dilution.





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### **Products Related to NBP3-32120**

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|            |                                                     |
|------------|-----------------------------------------------------|
| HAF008     | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160     | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control                          |
| M6000B-1   | IL-6 [HRP]                                          |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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