

# 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)**

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	JE61-37
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
<b>Target Molecular Weight</b>	46 kDa

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit GM-CSFR alpha Antibody (JE61-37) (NBP3-32120) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	1438
<b>Gene Symbol</b>	CSF2RA
<b>Species</b>	Human
<b>Immunogen</b>	Recombinant protein within Human GM-CSFR alpha aa 23-122 / 400. (Uniprot: P15509)

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	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% NFD/MTBST for 1 hour at room temperature. The primary antibody (NBP3-32120) at 1/500 dilution was used in 5% NFD/MTBST 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.

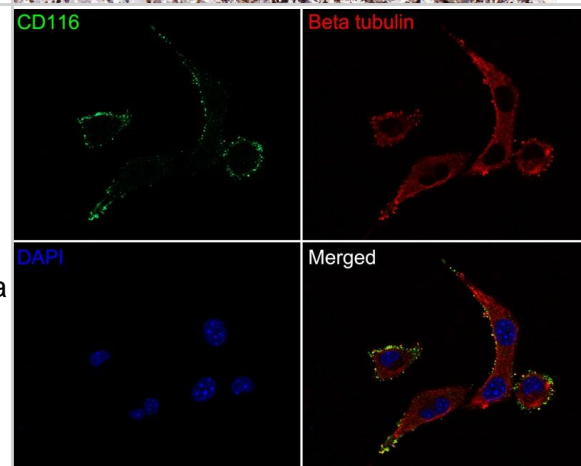
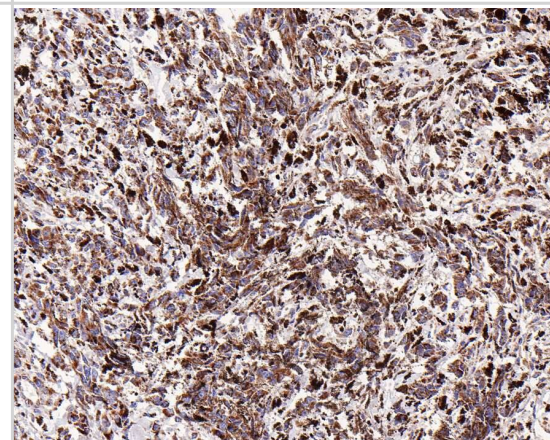
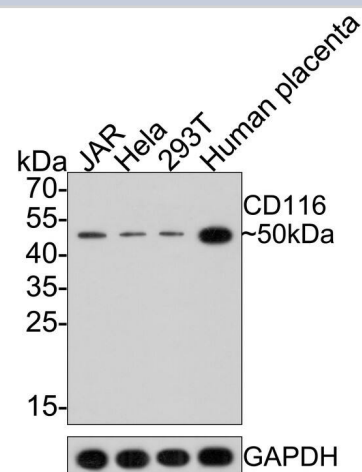
Immunohistochemistry: GM-CSFR alpha Antibody (JE61-37) [NBP3-32120] - Immunohistochemical analysis of paraffin-embedded human malignant melanoma tissue with Rabbit anti-GM-CSFR alpha antibody (NBP3-32120) at 1/500 dilution.

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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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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