

# Product Datasheet

## HGF Antibody (24612.111) NB120-10678

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NB120-10678**

HGF Antibody (24612.111)

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	24612.111
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	PBS

**Product Description**

<b>Host</b>	Mouse
<b>Gene ID</b>	3082
<b>Gene Symbol</b>	HGF
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	The product shows no cross reactivity with other tested cytokines using indirect ELISA.
<b>Immunogen</b>	Recombinant human hepatocyte growth factor (rhHGF) expressed in the insect cell line Sf 21.

**Product Application Details**

<b>Applications</b>	Western Blot, ELISA
<b>Recommended Dilutions</b>	Western Blot 1-2 ug/ml, ELISA 0.5-1 ug/ml
<b>Application Notes</b>	ELISA: detects <1.2 ng/well of rhHGF. WB: Use under non-reducing conditions. Predicted molecular weight: 83.1 kDa. Monoclonal Anti-Human HGF was tested for its ability to neutralize the bioactivity of rhHGF in a cell proliferation assay using 4MBr-5 cells, a monkey epithelial cell line responsive to HGF. The ND50 of the antibody is defined as the concentration of antibody resulting in a one-half maximal inhibition of bioactivity of rhHGF that is present at a concentration just high enough to elicit a maximum response. In this bioassay, 100 ng/ml rhHGF was preincubated with various dilutions of the antibody for 1 hour at 22C.



## Novus Biologicals USA

10730 E. Briarwood Avenue

Centennial, CO 80112

USA

Phone: 303.730.1950

Toll Free: 1.888.506.6887

Fax: 303.730.1966

[novus@novusbio.com](mailto:novus@novusbio.com)

## Bio-Techne Canada

21 Canmotor Ave

Toronto, ON M8Z 4E6

Canada

Phone: 905.827.6400

Toll Free: 855.668.8722

Fax: 905.827.6402

[canada.inquires@bio-techne.com](mailto:canada.inquires@bio-techne.com)

## Bio-Techne Ltd

19 Barton Lane

Abingdon Science Park

Abingdon, OX14 3NB, United Kingdom

Phone: (44) (0) 1235 529449

Free Phone: 0800 37 34 15

Fax: (44) (0) 1235 533420

[info.EMEA@bio-techne.com](mailto:info.EMEA@bio-techne.com)

## General Contact Information

[www.novusbio.com](http://www.novusbio.com)

Technical Support: [technical@novusbio.com](mailto:technical@novusbio.com)

Orders: [orders@novusbio.com](mailto:orders@novusbio.com)

General: [novus@novusbio.com](mailto:novus@novusbio.com)

## 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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