

# Product Datasheet

## MGP Antibody - BSA Free NBP3-38153-100ul

Unit Size: 100 ul

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

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**NBP3-38153-100ul**

MGP Antibody - BSA Free

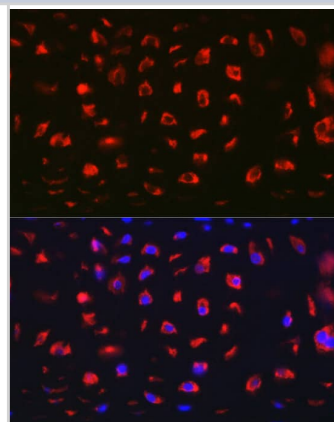
Product Information	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	PBS (pH 7.3), 50% glycerol
<b>Target Molecular Weight</b>	12 kDa

Product Description	
<b>Description</b>	Novus Biologicals Rabbit MGP Antibody - BSA Free (NBP3-38153) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	4256
<b>Gene Symbol</b>	MGP
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 20-103 of human MGP (NP_000891.2).  Sequence: YESHESMESYELNPFINRRNANTFISPQQRWRAKVQERIRERSKPVHELNREA CDDYRLCERYAMVYGYNAAYNRYFRKRRGTK

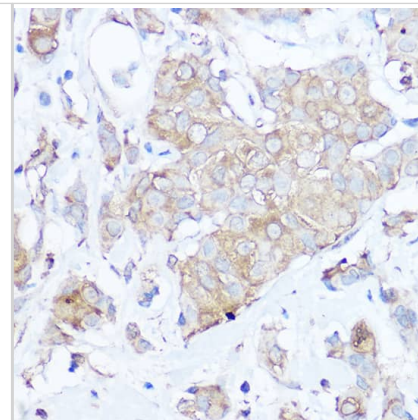
Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500 - 1:1000, ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements., Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200

**Images**

Immunocytochemistry/ Immunofluorescence: MGP Antibody [NBP3-38153] - Immunofluorescence analysis of paraffin-embedded Rat cartilage using MGP Rabbit pAb at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



**Immunohistochemistry: MGP Antibody [NBP3-38153]** - Immunohistochemistry analysis of paraffin-embedded Human breast cancer using MGP Rabbit pAb at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



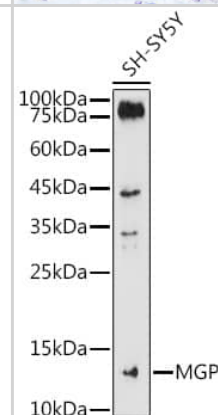
**Western Blot: MGP Antibody [NBP3-38153]** - Western blot analysis of lysates from SH-SY5Y cells, using MGP Rabbit pAb at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

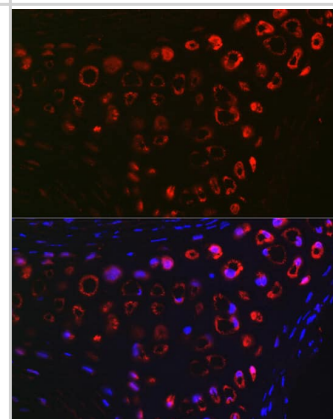
Detection: ECL Basic Kit.

Exposure time: 180s.

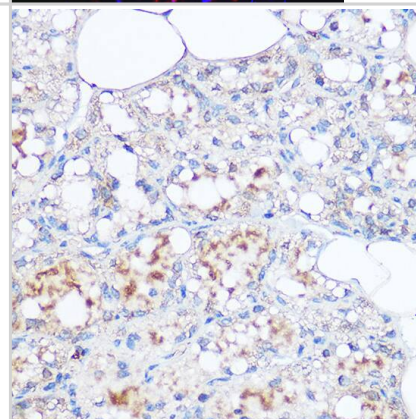


**Immunocytochemistry/ Immunofluorescence: MGP Antibody [NBP3-38153]** - Immunofluorescence analysis of paraffin-embedded Mouse cartilage using MGP Rabbit pAb at dilution of 1:100 (40x lens).

Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



**Immunohistochemistry: MGP Antibody [NBP3-38153]** - Immunohistochemistry analysis of paraffin-embedded Rat breast using MGP Rabbit pAb at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.





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### **Products Related to NBP3-38153-100ul**

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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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