

# Product Datasheet

## Defensin alpha 5 Antibody (8C8) - Azide and BSA Free NBP2-80693

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Updated 9/9/2025 v.20.1

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**NBP2-80693**

Defensin alpha 5 Antibody (8C8) - Azide and BSA Free

Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	2.35 mg/ml
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	8C8
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2b
<b>Purity</b>	Protein G purified
<b>Buffer</b>	Tris-Glycine, 0.15 M NaCl
<b>Target Molecular Weight</b>	10 kDa

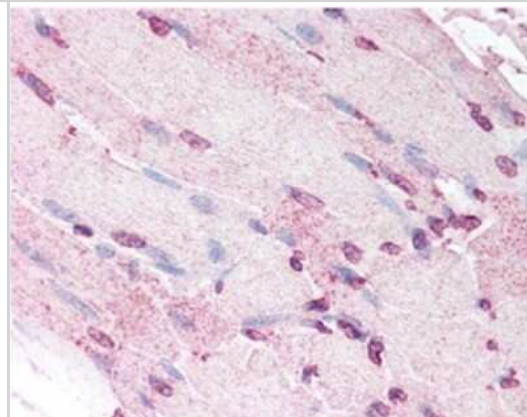
Product Description	
<b>Description</b>	Novus Biologicals Mouse Defensin alpha 5 Antibody (8C8) - Azide and BSA Free (NB110-60002) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	1670
<b>Gene Symbol</b>	DEFA5
<b>Species</b>	Human
<b>Immunogen</b>	Full-length human Defensin alpha 5 [Swiss-Prot# Q01523]. The propeptide is the full-length protein. In the mature form, it is cleaved at residue 63 (alanine).

Product Application Details	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Dot Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
<b>Recommended Dilutions</b>	Western Blot 1:1000, Flow Cytometry 1 ug per million cells, ELISA reported in scientific literature, Immunohistochemistry 5-10 ug/ml, Immunocytochemistry/ Immunofluorescence 1:200-1:1000, Immunohistochemistry-Paraffin 5-10 ug/ml, Immunohistochemistry-Frozen reported in scientific literature (PMID 30612153), Dot Blot reported in scientific literature
<b>Application Notes</b>	In Western blot a band is observed ~10 kDa. The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.

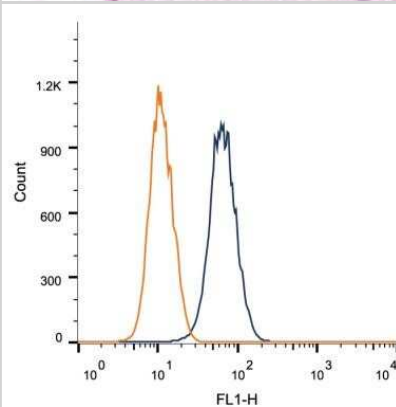


## Images

Immunohistochemistry: Defensin alpha 5 Antibody (8C8) - Azide and BSA Free [NBP2-80693] - Human skeletal muscle myocytes showing moderate nuclear and faint cytoplasmic staining. Image from the standard format of this antibody.



Flow Cytometry: Defensin alpha 5 Antibody (8C8) - Azide and BSA Free [NBP2-80693] - Intracellular flow cytometric staining of  $1 \times 10^6$  MCF-7 cells using Defensin alpha 5 antibody (dark blue). Isotype control shown in orange. An antibody concentration of  $1 \mu\text{g}/1 \times 10^6$  cells was used. Image from the standard format of this antibody.





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### **Products Related to NBP2-80693**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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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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