

# Product Datasheet

## GRP78/HSPA5 Antibody [mFluor Violet 610 SE] NBP1-06274MFV610

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP1-06274MFV610**

GRP78/HSPA5 Antibody [mFluor Violet 610 SE]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Conjugate</b>	mFluor Violet 610 SE
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	3309
<b>Gene Symbol</b>	HSPA5
<b>Species</b>	Human, Mouse, Rat, C. elegans, Chicken, Drosophila, Sheep, Zebrafish
<b>Reactivity Notes</b>	Use in Zebrafish reported in scientific literature (PMID:34327238) C. elegans reactivity reported in scientific literature (PMID: 31398187).
<b>Marker</b>	ER Stress Marker
<b>Immunogen</b>	Synthetic peptide made to an internal portion of human GRP78 (within residues 250-300). [Swiss-Prot# P11021]
<b>Notes</b>	mFluor(TM) is a trademark of AAT Bioquest, Inc. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Simple Western, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunohistochemistry Free-Floating
<b>Recommended Dilutions</b>	Western Blot, Simple Western, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry Free-Floating
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.

## Images

GRP78/HSPA5 Antibody [mFluor Violet 610 SE] [NBP1-06274MFV610] - Vial of mFluor Violet 610 conjugated antibody. mFluor Violet 610 is optimally excited at 421 nm by the Violet laser (405 nm) and has an emission maximum of 613 nm.



mFluor™ Violet 610

LASER (nm)	FILTER
Violet (405)	605/30

EXCITATION MAX (nm)	EMISSION MAX (nm)
421	613



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### **Products Related to NBP1-06274MFV610**

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H00003309-P01-10ug	Recombinant Human GRP78/HSPA5 GST (N-Term) Protein
NBP1-06274PEP	GRP78/HSPA5 Antibody Blocking Peptide
NB100-2323	IRE1 alpha [p Ser724] Antibody - BSA Free
NBP1-40256-0.1mg	ATF6 Antibody (70B1413.1) - BSA Free

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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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