

# Product Datasheet

## Glut4 Antibody (1F8) [Janelia Fluor® 525] FAB1262JF525

Unit Size: 0.2 ml

Store at 4C in the dark.

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**FAB1262JF525**

Glut4 Antibody (1F8) [Janelia Fluor® 525]

<b>Product Information</b>	
<b>Unit Size</b>	0.2 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>	Monoclonal
<b>Clone</b>	1F8
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1
<b>Conjugate</b>	Janelia Fluor 525
<b>Purity</b>	Protein A or G purified from hybridoma culture supernatant
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	6517
<b>Gene Symbol</b>	SLC2A4
<b>Species</b>	Rat
<b>Specificity/Sensitivity</b>	Recognizes an epitope in the cytoplasmic portion of rat Glut4 and has been shown to bind only to the muscle-adipose isoform of the glucose transporter, which is antigenically unique from the other transport proteins (1-3). Recognizes Glut4 in human, monkey, rat, mouse, and rabbit systems. It does not recognize this protein in canine systems. Its ability to bind to glucose transporter from other species has not been tested.
<b>Immunogen</b>	Partially purified vesicles containing Glut4
<b>Notes</b>	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunoprecipitation, Immunoaffinity Purification, Immunocytochemistry
<b>Recommended Dilutions</b>	Western Blot, Immunohistochemistry, Immunoprecipitation, Immunoaffinity Purification, Immunocytochemistry
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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### **Products Related to FAB1262JF525**

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NBP1-97005JF525	Mouse IgG1 Isotype Control (MG1) [Janelia Fluor 525]
NBP1-49533PEP	Glut4 Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]
NBP2-82175	Mouse Glut4 ELISA Kit (Colorimetric)

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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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