

Product Datasheet

Serotonin Antibody (YC5/45) [Janelia Fluor® 646] NB100-65037JF646

Unit Size: 0.1 ml

Store at 4C in the dark.

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NB100-65037JF646

Serotonin Antibody (YC5/45) [Janelia Fluor® 646]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	YC5/45
Preservative	0.05% Sodium Azide
Isotype	IgG2
Conjugate	Janelia Fluor 646
Purity	Protein G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Rat
Species	All Species
Reactivity Notes	This antibody detects serotonin in multiple species including human, mouse, rat, and other vertebrate and invertebrate animals.
Specificity/Sensitivity	NB100-65037 recognizes serotonin and does not cross react with 5-hydroxyindolacetic acid, GABA, noradrenaline, 5-hydroxytryptophan, carnosine or melatonin. Serotonin (also known as 5-hydroxytryptamine or 5-HT) is a biochemical messenger and neurotransmitter synthesized from L-tryptophan. Serotonin has a range of functions, including regulation of gastric motility, and may be related to some psychiatric disorders including schizophrenia and depression. Serotonin is widely distributed in the central and peripheral nervous system, and also in some non-neural tissues such as platelets.
Immunogen	Serotonin conjugated to Bovine Serum Albumin.
Notes	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.
Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunohistochemistry Whole-Mount
Recommended Dilutions	Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunohistochemistry Whole-Mount
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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Products Related to NB100-65037JF646

KA1894	Serotonin 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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