

# Product Datasheet

## Acetylcholinesterase/ACHE Antibody (4E11) [Janelia Fluor® 646] NBP1-05146JF646

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP1-05146JF646**

Acetylcholinesterase/ACHE Antibody (4E11) [Janelia Fluor® 646]

<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>	Monoclonal
<b>Clone</b>	4E11
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Conjugate</b>	Janelia Fluor 646
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	43
<b>Gene Symbol</b>	ACHE
<b>Species</b>	Human, Bovine
<b>Reactivity Notes</b>	Human and Bovine.
<b>Marker</b>	Early Neuronal Development Marker
<b>Specificity/Sensitivity</b>	Specific for brain AChE and does not recognize AChE from erythrocytes. The can thus distinguish between mammalian brain AChE and erythrocyte AChE. Weak cross-reactivity with Torpedo marmorata AChE but none with AChE from electric eel or human BtChE.
<b>Immunogen</b>	C-terminal 10 residues of brain acetylcholinesterase (human and bovine), absent from the erythrocyte enzyme.
<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, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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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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