

# Product Datasheet

## Acetylcholinesterase/ACHE Antibody (AE-2) NB100-65260

Unit Size: 0.05 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NB100-65260****Acetylcholinesterase/ACHE Antibody (AE-2)**

<b>Product Information</b>	
<b>Unit Size</b>	0.05 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	AE-2
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Unpurified
<b>Buffer</b>	Ascites
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	43
<b>Gene Symbol</b>	ACHE
<b>Species</b>	Human, Primate
<b>Reactivity Notes</b>	Reacts with Human. Cross reacts with Monkey.
<b>Marker</b>	Early Neuronal Development Marker
<b>Specificity/Sensitivity</b>	Recognises acetylcholinesterase (also known as AChE), an enzyme involved in the hydrolysis of acetylcholine at the synapse.
<b>Immunogen</b>	Acetylcholinesterase (AChE) from human erythrocytes.
<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, Western Blot (Negative)
<b>Recommended Dilutions</b>	Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500, Western Blot (Negative)
<b>Application Notes</b>	The epitope recognised by this antibody is reported to be sensitive to formaldehyde fixation and tissue processing. Novus recommends the use of acetone fixation for frozen sections. Extraction of sample in 0.5% Triton X100 is recommended for Immunoprecipitation.



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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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