

# Product Datasheet

## Nicotinic Acetylcholine Receptor beta 2 Antibody (12H2) - Chimeric - BSA Free NBP3-43573

Unit Size: 0.2 mg

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

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**NBP3-43573**

Nicotinic Acetylcholine Receptor beta 2 Antibody (12H2) - Chimeric - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.2 mg
<b>Concentration</b>	1 mg/ml
<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>	12H2
<b>Preservative</b>	0.02% Proclin 300
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Description</b>	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format for improved compatibility with existing reagents assays and techniques.
<b>Host</b>	Rabbit
<b>Gene ID</b>	1141
<b>Gene Symbol</b>	CHRN2
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	This antibody recognizes human alpha4beta2 receptor protein. The AChR responds by an extensive change in conformation after binding acetylcholine, that affects all subunits and leads to opening of an ion-conducting channel across the plasma membrane permeable to sodium ions.
<b>Immunogen</b>	The original antibody was generated by immunizing female BALB/c mice with human alpha4beta2 receptor protein purified in n-dodecyl-beta-D-maltopyranoside (DDM). (Uniprot# P17787)
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA



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### Products Related to NBP3-43573

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00001141-Q01-10ug	Recombinant Human Nicotinic Acetylcholine Receptor beta 2 GST (N-Term) Protein

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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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