

## Product datasheet for **TA399859**

### CHRNA2 Mouse Monoclonal Antibody [Clone ID: 12H2]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	12H2
Applications:	ELISA
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1, kappa
Clonality:	Monoclonal
Immunogen:	The original antibody was generated by immunizing female BALB/c mice with human $\alpha 4\beta 2$ receptor protein purified in n-dodecyl- $\beta$ -D-maltopyranoside (DDM).
Specificity:	<p>This antibody recognizes human <math>\alpha 4\beta 2</math> 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.</p> <p>The binding characterization of this antibody to human <math>\alpha 4\beta 2</math> nicotinic receptor was done using ELISA.</p>
Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.
Database Link:	<a href="#">P17787</a>
Synonyms:	AChR; CHRNA2; human $\alpha 4\beta 2$ nicotinic receptor; Neuronal acetylcholine receptor subunit beta-2; Nicotinic acetylcholine $\alpha 4\beta 2$ receptor



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