

Product datasheet for **TA326436**

alpha 2C Adrenergic Receptor (ADRA2C) Mouse Monoclonal Antibody [Clone ID: S330A-80]

Product data:

Product Type:	Primary Antibodies
Clone Name:	S330A-80
Recommended Dilution:	WB: 1:1000
Reactivity:	Mouse, Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Synthetic peptide amino acids 442- 462 (QDFRRSFKHILFRRRRRGFRQ, cytoplasmic C-terminus) of human Alpha-2C adrenergic receptor
Formulation:	PBS pH7.4, 50% glycerol, 0.09% sodium azide
Concentration:	lot specific
Purification:	Protein G Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	adrenoceptor alpha 2C
Database Link:	NP_000674 Entrez Gene 11553 Mouse Entrez Gene 152 Human P18825
Background:	The alpha 2C Adrenergic Receptor controls the release of neurotransmitter from central adrenergic neurons and from sympathetic nerves in the heart. This receptor also plays a role in cognitive and behavioral function. Two variants are produced by alternative splicing. Alpha 2C Adrenergic Receptor has been reported extensively in the brain. Blood, corpus cavernosum, kidney, and heart tissues have also been reported to express the protein.
Synonyms:	ADRA2L2; ADRA2RL2; ADRARL2; ALPHA2CAR
Note:	Detects 50kDa or larger (possibly due to dimerization). Does not cross-react with other adrenergic receptors.



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Protein Families: Druggable Genome, GPCR, Transmembrane

Protein Pathways: Neuroactive ligand-receptor interaction