

Product datasheet for **TA386411**

beta 2 Adrenergic Receptor (ADRB2) Rabbit Monoclonal Antibody [Clone ID: 13D6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	13D6
Applications:	ELISA, IF, IP, WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG, kappa
Clonality:	Monoclonal
Immunogen:	This antibody was raised by immunizing mice with beta-2 adrenergic receptor.
Specificity:	<p>13D6 antibody recognizes human beta-2 adrenergic receptor. It was reported that this antibody recognizes extracellular domains of the receptor (Han et al., 2012). Beta-adrenergic receptors mediate the catecholamine-induced activation of adenylate cyclase through the action of G proteins. The beta-2-adrenergic receptor binds adrenaline with far greater affinity than noradrenaline.</p> <p>This antibody is recommended for the identification and analysis of the β2-adrenergic receptor. For instance, it was used to immunostain vascular smooth muscle cells (VSMCs) against beta-2-adrenergic receptor to determine the fate of beta-2ARs ubiquitinated in a carvedilol responsive manner (Han et al., 2012). Furthermore, the antibody was utilized in the quantification of the surface level of β-2ARs via ELISA (Han et al., 2012).</p>
Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.
Gene Name:	adrenoceptor beta 2
Database Link:	Entrez Gene 154 Human P07550



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Synonyms: ADRB2R; ADRBR; B2AR; BAR; BETA2AR

Note: 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.