Adrenergic Receptor beta2 (Phospho-Ser346) Conjugated Antibody

Catalog No: #C11970

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Package Size: #C11970-AF350 100ul #C11970-AF405 100ul #C11970-AF488 100ul #C11970-AF555 100ul #C11970-AF594 100ul #C11970-AF647 100ul #C11970-AF680 100ul #C11970-AF750 100ul #C11970-Biotin 100ul

Description

Product Name	Adrenergic Receptor beta2 (Phospho-Ser346) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of Adrenergic Receptor beta2 only when phosphorylated at serine 346.
Immunogen Description	Peptide sequence around phosphorylation site of serine 346 (R-S-S(p)-L-K) derived from Human Adrenergic Receptor beta2.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ADRB2R;B2AR;adrenergic receptor;beta-2
Accession No.	Swiss-Prot#:P07550NCBI Gene ID:154NCBI mRNA#:NM_000024.5 NCBI Protein#:NP_000015.1
Uniprot	P07550
GeneID	154;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	40
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°Cin dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Product Description

Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatogramphy using non-phosphopeptide.

Background

Beta-adrenergic receptors mediate the catecholamine-induced activation of adenylate cyclase through the action of G proteins. The beta-2-adrenergic receptor binds epinephrine with an approximately 30-fold greater affinity than it does norepinephrine.

Note: This product is for in vitro research use only