

## RAD Conjugated Antibody

Catalog No: #C34723



Package Size: #C34723-AF350 100ul #C34723-AF405 100ul #C34723-AF488 100ul  
 #C34723-AF555 100ul #C34723-AF594 100ul #C34723-AF647 100ul  
 #C34723-AF680 100ul #C34723-AF750 100ul #C34723-Biotin 100ul

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## Description

Product Name	RAD Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total RAD protein.
Immunogen Description	Synthesized peptide derived from internal of human RAD.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	GTP-binding protein RAD;RAD;RAD1;RAS associated with diabetes
Accession No.	Swiss-Prot#:P55042NCBI Gene ID:6236
Uniprot	P55042
GeneID	6236;
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	33
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in 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

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The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Background

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May play an important role in cardiac antiarrhythmia via the strong suppression of voltage-gated L-type  $\text{Ca}^{2+}$  currents. Regulates voltage-dependent L-type calcium channel subunit alpha-1C trafficking to the cell membrane. By similarity. Inhibits cardiac hypertrophy through the calmodulin-dependent kinase II (CaMKII) pathway. Inhibits phosphorylation and activation of CAMK2D.

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Note: This product is for in vitro research use only