

# Immunotag™ RAD Antibody

Antibody Specification	
Catalog No.	ITA4983
Product Description	Immunotag™ RAD Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	RAD
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:500~1:1000 IHC: 1:50~1:200 IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	A synthesized peptide
Specificity	RAD Antibody detects endogenous levels of total RAD
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	RRAD
Accession No.	P55042
Alternate Names	GTP binding protein RAD; GTP-binding protein RAD; RAD; RAD_HUMAN; RAD1; RAS (RAD and GEM) like GTP binding 3; Ras associated with diabetes; Ras related associated with diabetes; REM3; RRAD;

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Description	May play an important role in cardiac antiarrhythmia via the strong suppression of voltage-gated L-type Ca <sup>2+</sup> 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.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	33 KD
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.