

Immunotag™ Retinoic Acid Receptor beta Antibody

Antibody Specification	
Catalog No.	ITA0186
Product Description	Immunotag™ Retinoic Acid Receptor beta 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	Retinoic Acid Receptor beta
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB: 1:500~1:3000 IHC: 1:50~1:200, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human Retinoic Acid Receptor beta
Specificity	Retinoic Acid Receptor beta antibody detects endogenous levels of total Retinoic Acid Receptor beta
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	RARB
Accession No.	P10826
Alternate Names	HAP; HBV-activated protein; NR1B2; Nuclear receptor subfamily 1 group B member 2; RAR B; RAR beta; RAR epsilon; RAR-beta; RAR-epsilon; RARB; RARB_HUMAN; Retinoic acid receptor beta 2; Retinoic acid receptor beta 4; Retinoic acid receptor beta 5; Retinoic acid receptor beta; Retinoic acid receptor beta polypeptide; RRB2;

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Description	Receptor for retinoic acid. Retinoic acid receptors bind as heterodimers to their target response elements in response to their ligands, all-trans or 9-cis retinoic acid, and regulate gene expression in various biological processes. The RXR/RAR heterodimers bind to the retinoic acid response elements (RARE) composed of tandem 5'-AGGTCA-3' sites known as DR1-DR5. In the absence or presence of hormone ligand, acts mainly as an activator of gene expression due to weak binding to corepressors. In concert with RARG, required for skeletal growth, matrix homeostasis and growth plate function.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	50kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.