



Anti-RXRG monoclonal antibody, clone 2484 (DCABY-960)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Retinoic acid (RA; active metabolite of vitamin A) plays a prominent role in regulating the transition of proliferating precursor cells (such as carcinoma cells and neuronal precursors) to postmitotic differentiated cells. The Retinoid X Receptors (RXRs) family (RXR α , β and γ) preferentially bind 9-cis-RA and regulate gene transcription by forming heterodimers with a second family of RA receptors. RAs have been suggested to potentially play a therapeutic role in cervical cancer. RAs are known to play key roles in neuronal development and an increasing body of evidence indicates that retinoid signaling may regulate synaptic plasticity and associated learning and memory behaviors.
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Specificity	Specific for the ~48k RXR- γ isotype.
Target	Synthetic peptide corresponding to amino acid residues from the hinge region conjugated to KLH.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human, Rat
Clone	2484
Conjugate	Unconjugated
Applications	WB
Molecular Weight	48 KDa
Format	Prepared from mouse ascites by ammonium sulfate precipitation followed by affinity purification on a protein G column.

Size	100 µl
Preservative	None
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Ship	Blue ice

GENE INFORMATION

Gene Name	RXRG retinoid X receptor, gamma [Homo sapiens (human)]
Official Symbol	RXRG
Synonyms	Retinoic acid receptor RXR-gamma; Nuclear receptor subfamily 2 group B member 3; Retinoid X receptor gamma; RXRG; NR2B3
Entrez Gene ID	6258
Protein Refseq	NP_001243499
UniProt ID	A0A087WZ88
Chromosome Location	1q22-q23
Pathway	Adipocytokine signaling pathway; Adipogenesis; Gene Expression; Generic Transcription Pathway; Non-small cell lung cancer; Nuclear Receptor transcription pathway; Nuclear Receptors; PPAR signaling pathway;
Function	9-cis retinoic acid receptor activity; protein binding; sequence-specific DNA binding; steroid hormone receptor activity; zinc ion binding