



RARβ Monoclonal Antibody

Catalog No BYmab-03330 Isotype IgG Reactivity Human;Mouse Applications WB Gene Name RARB Protein Name Retinoic acid receptor beta Immunogen The antiserum was produced against synthesized peptide derived from human Retinoic Acid Receptor beta. AA range:331-380 Specificity RAR β Monoclonal Antibody detects endogenous levels of RAR β protein. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Monoclonal, Mouse, IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms RARB; HAP; NR1B2; Retinoic acid receptor beta; RAR-beta; HBV-activated protein; Nuclear receptor subfamily 1 group B member 2; RAR-epsilon Observed Band 50kD Cell Pathway Nucleus Cytoplasm.; [Isoform Beta-1]: Nucleus; [Isoform Beta-2]: Nucleus; [Isoform Beta-4]: Cytoplasm. Tissue Specificity Expressed in actic endothelial cells (at protein level).		
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[Isoform Beta-4]: Cytoplasm. Expressed in aortic endothelial cells (at protein level). Function domain:Composed of three domains: a modulating N-terminal domain, a DNA-binding domain and a C-terminal steroid-binding domain.,function:This is a receptor for retinoic acid. This metabolite has profound effects on vertebrate development. Retinoic acid is a morphogen and is a powerful teratogen. This receptor controls cell function by directly regulating gene expression.,similarity:Belongs to the nuclear hormone receptor family., similarity:Belongs to the nuclear hormone receptor family. NR1	Observed Band	50kD
domain:Composed of three domains: a modulating N-terminal domain, a DNA-binding domain and a C-terminal steroid-binding domain.,function:This is a receptor for retinoic acid. This metabolite has profound effects on vertebrate development. Retinoic acid is a morphogen and is a powerful teratogen. This receptor controls cell function by directly regulating gene expression.,similarity:Belongs to the nuclear hormone receptor family., similarity:Belongs to the nuclear hormone receptor family. NR1	Cell Pathway	Nucleus . Cytoplasm .; [Isoform Beta-1]: Nucleus.; [Isoform Beta-2]: Nucleus.; [Isoform Beta-4]: Cytoplasm.
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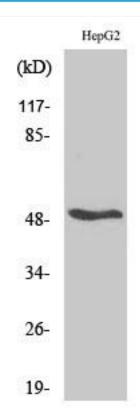


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Background matters needing	This gene encodes retinoic acid receptor beta, a member of the thyroid-steroid hormone receptor superfamily of nuclear transcriptional regulators. This receptor localizes to the cytoplasm and to subnuclear compartments. It binds retinoic acid, the biologically active form of vitamin A which mediates cellular signalling in embryonic morphogenesis, cell growth and differentiation. It is thought that this protein limits growth of many cell types by regulating gene expression. The gene was first identified in a hepatocellular carcinoma where it flanks a hepatitis B virus integration site. Alternate promoter usage and differential splicing result in multiple transcript variants. [provided by RefSeq, Mar 2014],
attention	
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using RAR $\boldsymbol{\beta}$ Monoclonal Antibody

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