

RAR RXR

Retinoids are metabolites of vitamin A (retinal) and are believed to represent important signaling molecules during vertebrate development and tissue differentiation. Two families of retinoid receptors have been identified. Retinoic acid receptors (RARs) include RAR α , RAR β and RAR γ , each of which has a high affinity for all-trans retinoic acids and belongs to the same class of nuclear transcription factors as thyroid hormone receptors, vitamin D3 receptor and

ecdysone receptor. The ligand binding domains of the RARs are highly conserved and RAR isoforms are expressed in distinct patterns throughout development and in the mature organism. Members of the retinoid X receptor (RXR) family, RXR α , RXR β and RXR γ , are activated by 9-cis-retinoic acid, a stereoisomer of all-trans-RA that is expressed in vivo in both liver and kidney and may represent a widely used hormone.

Anti-Human Retinoic Acid Receptor (hRAR) (β specific; clone 763)

Research Applications

Immunoblotting: 1 μ g/ml
Immunoprecipitation: recommended
Immunohistochemistry: frozen; formalin/paraffin
Supershift: recommended

Product Description

Host / Ig Type: mouse monoclonal IgG1 kappa
Purification: protein-G chromatography
Immunogen: peptide (aa 10-25) derived from human N-terminus of hRAR
Specificity: detects hRAR α at ~60 kDa; does not recognize β or γ isotypes, or hRXR
Reactivity: human
Liquid Carrier: PBS, pH 7.4/0.2% BSA/15 mM azide
Stability/Storage: 2 years /4°C

Catalog Information

Catalog Number: ABM-6107
Mass: 200 μ g
Price: \$295

Anti-Human Retinoic Acid Receptor (hRAR) (β specific; clone 336)

Research Applications

Immunoblotting: 1 μ g/ml
Immunohistochemistry: frozen; formalin-fixed paraffin-embedded

Product Description

Host / Ig Type: mouse monoclonal IgG2a kappa
Purification: protein-G chromatography
Immunogen: peptide (aa 11-25) derived from human N-terminus of hRAR
Specificity: detects hRAR β at ~60 kDa; does not recognize α or γ isotypes, or hRXR
Reactivity: human
Liquid Carrier: PBS, pH 7.4 with 0.2% BSA and 15 mM sodium azide
Stability/Storage: 2 years /4°C

Catalog Information

Catalog Number: ABM-6108
Mass: 200 μ g
Price: \$295

Anti-Human Retinoid X Receptor (hRXR) (γ specific; clone 1373)

Research Applications

Immunoblotting: 1 μ g/ml
Immunohistochemistry: use ABM-4821

Product Description

Host / Ig Type: mouse monoclonal IgG2a kappa
Purification: protein-G chromatography
Immunogen: peptide (aa 213-226) derived from the hinge region of human RXR
Specificity: detects hRXR γ at ~60 kDa; does not recognize α or β isotypes, or hRAR
Reactivity: human
Liquid Carrier: PBS, pH 7.4 with 0.2% BSA and 15 mM sodium azide
Stability/Storage: 2 years /4°C

Catalog Information

Catalog Number: ABM-6304
Mass: 200 μ g
Price: \$295

Anti-Mouse Retinoid X Receptor (mRXR) (β specific; clone 147)

Research Applications

Immunoblotting: 1 μ g/ml
Immunohistochemistry: frozen; formalin-fixed paraffin-embedded

Product Description

Host / Ig Type: mouse monoclonal IgG1 kappa
Purification: protein-G chromatography
Immunogen: peptide (aa 228-240) derived from the hinge region of mouse RXR
Specificity: detects mRXR β at ~60 kDa; does not recognize α or γ isotypes, or hRAR
Reactivity: mouse and human
Liquid Carrier: PBS, pH 7.4 with 0.2% BSA and 15 mM sodium azide
Stability/Storage: 2 years /4°C

Catalog Information

Catalog Number: ABM-6305
Mass: 200 μ g
Price: \$295

