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Recombinant Glucocorticoid Receptor Monoclonal Antibody

catalog number: AN301002L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human; Mouse; Rat

Immunogen Recombinant Human Glucocorticoid Receptor protein

HostRabbitIsotype IgG,κ CloneB753PurificationProtein A

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

IHC 1:1000-1:4000 **WB** 1:1000-1:5000

Data



Western Blot with Recombinant Glucocorticoid Receptor Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: U-251 MG cells.

Observed-MW:94 kDa



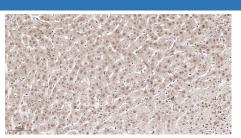
Immunohistochemistry of paraffin-embedded rat liver tissue using Recombinant Glucocorticoid Receptor Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping lce bag

Background



Immunohistochemistry of paraffin-embedded human liver tissue using Recombinant Glucocorticoid Receptor Monoclonal Antibody at dilution of 1:200.

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This gene encodes glucocorticoid receptor, which can function both as a transcription factor that binds to glucocorticoid response elements in the promoters of glucocorticoid responsive genes to activate their transcription, and as a regulator of other transcription factors. This receptor is typically found in the cytoplasm, but upon ligand binding, is transported into the nucleus. It is involved in inflammatory responses, cellular proliferation, and differentiation in target tissues. Mutations in this gene are associated with generalized glucocorticoid resistance. Alternative splicing of this gene results in transcript variants encoding either the same or different isoforms. Additional isoforms resulting from the use of alternate in-frame translation initiation sites have also been described, and shown to be functional, displaying diverse cytoplasm-to-nucleus trafficking patterns and distinct transcriptional activities (PMID:15866175).

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