Recombinant Glucocorticoid Receptor Monoclonal Antibody

catalog number: **E-AB-81561**

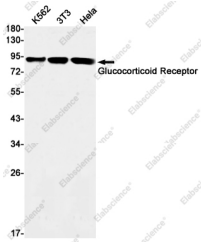
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant protein of mouse Glucocorticoid Receptor
Host	Rabbit
Isotype	Rabbit IgG
Clone	C173347
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications	Recommended Dilution
WB	1:500-1:1000
IF	1:50-1:100

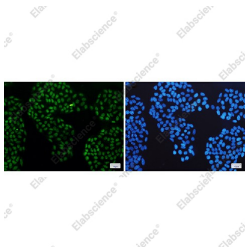
Data



Western blot detection of Glucocorticoid Receptor in K562,3T3,Hela cell lysates using Glucocorticoid Receptor Rabbit mAb(1:1000 diluted).Predicted band size:86kDa.Observed band size: 94,91kDa.

Observed-MW:94 /91 kDa

Calculated-MW:86 kDa



Immunofluorescence of Glucocorticoid Receptor(green) in Hela cells using Glucocorticoid Receptor Rabbit mAb at dilution 1:50, and DAPI(blue)

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

Receptor for glucocorticoids (GC). Has a dual mode of action: as a transcription factor that binds to glucocorticoid response elements (GRE), both for nuclear and mitochondrial DNA, and as a modulator of other transcription factors. Affects inflammatory responses, cellular proliferation and differentiation in target tissues. Involved in chromatin remodeling (PubMed:10678832). Plays a role in rapid mRNA degradation by binding to the 5' UTR of target mRNAs and interacting with PNRC2 in a ligand-dependent manner which recruits the RNA helicase UPF1 and the mRNA-decapping enzyme DCP1A, leading to RNA decay . Could act as a coactivator for STAT5-dependent transcription upon growth hormone (GH) stimulation and could reveal an essential role of hepatic GR in the control of body growth (PubMed:15037546).

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com