Recombinant DGRmAb®

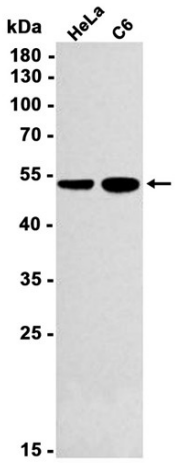
Retinoid X Receptor alpha (DGR14758) Rabbit mAb

db12582 **Package : 10μL 20μL 50μL 100μL**

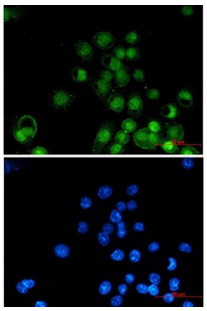
Product Name : Retinoid X Receptor alpha (DGR14758) Rabbit mAb
Cat.No.: db12582
Synonyms : NR2B1
Application : WB, ICC/IF, IP
Reactivity : Human, Mouse, Rat
Host species : Rabbit

Background	Retinoid X receptors (RXRs) and retinoic acid receptors (RARs) are nuclear receptors that mediate the biological effects of retinoids by their involvement in retinoic acid-mediated gene activation. These receptors function as transcription factors by binding as homodimers or heterodimers to specific sequences in the promoters of target genes. The protein encoded by this gene is a member of the steroid and thyroid hormone receptor superfamily of transcriptional regulators. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, May 2014]
Immunogen	A synthetic peptide of human Retinoid X Receptor alpha
Gene ID	6256
Swiss Prot	P19793
Synonyms	NR2B1
Reactivity	Human, Mouse, Rat
Application	WB, ICC/IF, IP
Recommended dilution	WB: 1:1000-1:2000 ICC/IF: 1:20-1:100 IP: 1:20-1:50
Calculated MW	51 kDa
Observed MW	51 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR14758

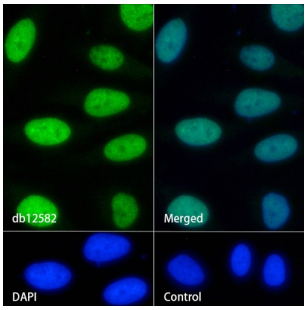
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from HeLa, C6 cells using db12582 at 1:1000.



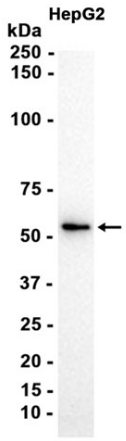
Immunofluorescent analysis of MCF-7 cells using db12582 antibody (green), and DAPI (blue).



Immunofluorescence analysis of HeLa cells labelling Retinoid X Receptor alpha with db12582.

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db12582 (1:20) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.



Western blot analysis of extracts from HepG2 cells using db12582 at 1:1000.