

Recombinant

DGRmAb®

## Phospho-CREB (Ser133) (DGR12894) Rabbit mAb

db11133

Package : 10µL 20µL 50µL 100µL

**Product Name** : Phospho-CREB (Ser133) (DGR12894) Rabbit mAb**Cat.No.:** db11133**Synonyms** : CREB; CREB-1**Application** : WB, IHC-P, ICC/IF, FC, IP**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

This gene encodes a transcription factor that is a member of the leucine zipper family of DNA binding proteins. This protein binds as a homodimer to the cAMP-responsive element, an octameric palindrome. The protein is phosphorylated by several protein kinases, and induces transcription of genes in response to hormonal stimulation of the cAMP pathway. Alternate splicing of this gene results in several transcript variants encoding different isoforms. [provided by RefSeq, Mar 2016]

**Immunogen**

A synthetic phosphopeptide corresponding to residues surrounding Ser133 of human CREB

**Gene ID**

1385

**Swiss Prot**

P16220

**Synonyms**

CREB; CREB-1

**Reactivity**

Human, Mouse, Rat

**Application**

WB, IHC-P, ICC/IF, FC, IP

**Recommended dilution**

WB: 1:1000-1:5000

IHC-P: 1:100-1:1000

ICC/IF: 1:100-1:200

FC: 1:50-1:100

IP: 1:20-1:100

**Calculated MW**

37 kDa

**Observed MW**

43 kDa

**Host species**

Rabbit

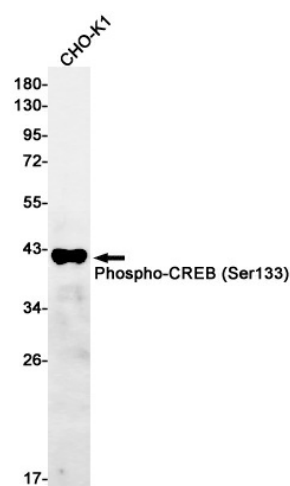
**Clonality**

Monoclonal

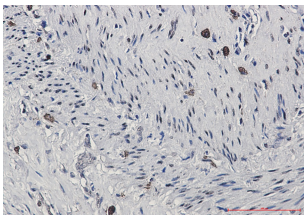
**Clonality No.**

DGR12894

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 detection of Phospho-CREB (Ser133) in CHO-K1 cell lysates using Phospho-CREB (Ser133) antibody(1:500 diluted).



Immunohistochemical analysis of paraffin-embedded human lung cancer using db11133 antibody.