

Recombinant

DGRmAb®

## c-Jun (DGR19004) Rabbit mAb

db14460

Package : 10µL 20µL 50µL 100µL

**Product Name** : c-Jun (DGR19004) Rabbit mAb

**Cat.No.:** db14460

**Synonyms** : AP1; p39; AP-1; c-Jun

**Application** : WB, IHC-P, ICC/IF, FC, IP

**Reactivity** : Human,Mouse,Rat

**Host species** : Rabbit

### Background

This gene is the putative transforming gene of avian sarcoma virus 17. It encodes a protein which is highly similar to the viral protein, and which interacts directly with specific target DNA sequences to regulate gene expression. This gene is intronless and is mapped to 1p32-p31, a chromosomal region involved in both translocations and deletions in human malignancies. [provided by RefSeq, Jul 2008]

### Immunogen

A synthetic peptide of human c-Jun

### Gene ID

3725

### Swiss Prot

P05412

### Synonyms

AP1; p39; AP-1; c-Jun

### Reactivity

Human,Mouse,Rat

### Application

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

### Recommended dilution

WB: 1:1000-1:5000

IHC-P: 1:200-1:500

ICC/IF: 1:50

FC: 1:20

IP: 1:20

### Calculated MW

36 kDa

### Observed MW

48,43 kDa

### Host species

Rabbit

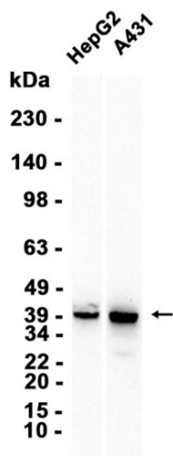
### Clonality

Monoclonal

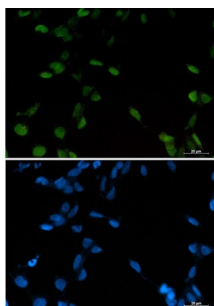
### Clonality No.

DGR19004

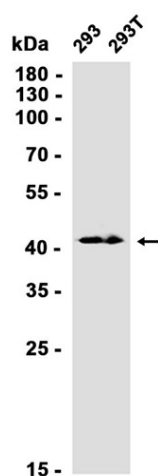
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



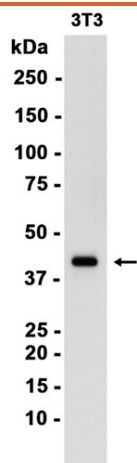
Western blot analysis of extracts from HepG2, A431 cells using db14460 at 1:1000.



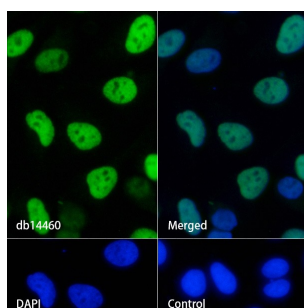
Immunofluorescent analysis of 293T cells using db14460 antibody (green), and DAPI (blue).



Western blot analysis of extracts from 293, 293T cells using db14460 at 1:1000.



Western blot analysis of extracts from 3T3 cells using db14460 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling c-Jun with db14460.

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 db14460 (1:50) 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.