

Recombinant

DGRmAb®

**Phospho-TAK1 (Ser439) (DGR20443) Rabbit mAb**

db11892

Package : 10µL 20µL 50µL 100µL

**Product Name** : Phospho-TAK1 (Ser439) (DGR20443) Rabbit mAb**Cat.No.:** db11892**Synonyms** : CSCF; FMD2; TAK1; MEKK7; TGF1a**Application** : WB, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

The protein encoded by this gene is a member of the serine/threonine protein kinase family. This kinase mediates the signaling transduction induced by TGF beta and morphogenetic protein (BMP), and controls a variety of cell functions including transcription regulation and apoptosis. In response to IL-1, this protein forms a kinase complex including TRAF6, MAP3K7P1/TAB1 and MAP3K7P2/TAB2; this complex is required for the activation of nuclear factor kappa B. This kinase can also activate MAPK8/JNK, MAP2K4/MKK4, and thus plays a role in the cell response to environmental stresses. Four alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic phosphopeptide corresponding to residues surrounding Ser439 of human TAK1

**Gene ID**

6885

**Swiss Prot**

O43318

**Synonyms**

CSCF; FMD2; TAK1; MEKK7; TGF1a

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IP

**Recommended dilution**

WB: 1:1000-1:5000

IP: 1:10-1:100

**Calculated MW**

67 kDa

**Observed MW**

78 kDa

**Host species**

Rabbit

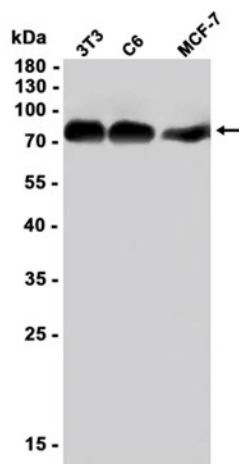
**Clonality**

Monoclonal

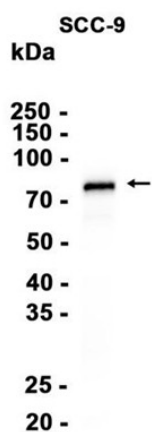
**Clonality No.**

DGR20443

<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 3T3, C6, MCF-7 cells using db11892 at 1:1000.



Western blot analysis of extracts from SCC-9 cells using db11892 at 1:1000.