

Recombinant

DGRmAb®

Phospho-TAK1 (Ser439) (DGR20443) Rabbit mAb (PBS Only)

db11892-PBS

Package : 100µg

Product Name : Phospho-TAK1 (Ser439) (DGR20443) Rabbit mAb (PBS Only)**Cat.No.:** db11892-PBS**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

Calculated MW

67 kDa

Observed MW

78 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR20443

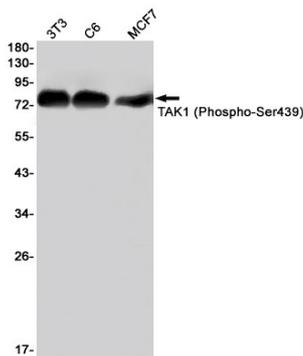
Isotype

IgG

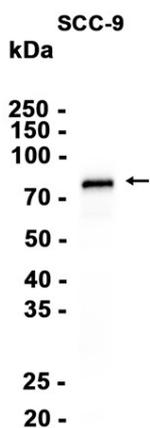
Purity

Affinity Purification

Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot detection of TAK1 (Phospho-Ser439) in 3T3,C6,MCF7 cell lysates using TAK1 (Phospho-Ser439) antibody(1:1000 diluted).



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