

Recombinant

DGRmAb®

TAK1 (DGR14186) Rabbit mAb (PBS Only)

db12332-PBS

Package : 100µg

Product Name : TAK1 (DGR14186) Rabbit mAb (PBS Only)**Cat.No.:** db12332-PBS**Synonyms** : CSCF; FMD2; TAK1; MEKK7; TGF1a**Application** : WB, IHC, ICC/IF, FC**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 peptide of human TAK1

Gene ID

6885

Swiss Prot

O43318

Synonyms

CSCF; FMD2; TAK1; MEKK7; TGF1a

Reactivity

Human, Mouse, Rat

Application

WB, IHC, ICC/IF, FC

Calculated MW

67 kDa

Observed MW

78 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR14186

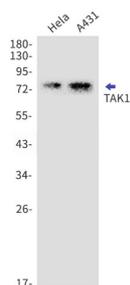
Isotype

IgG

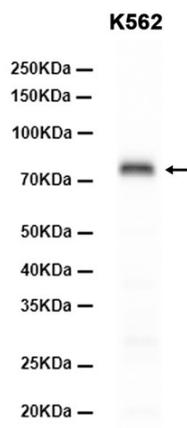
Purity

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 in HeLa, A431 cell lysates using TAK1 antibody (1:1000 diluted).



Western blot analysis of extracts from K562 cells using db12332 at 1:2000.