

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

Recommended dilution

WB: 1:1000-1:5000

IHC: 1:50

ICC/IF: 1:200-1:1000

FC: 1:50

Calculated MW

67 kDa

Observed MW

78 kDa

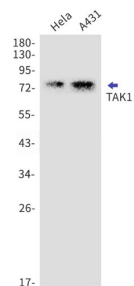
Host species

Rabbit

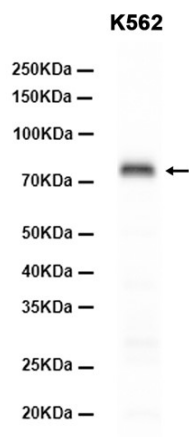
Clonality

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 [db12332](#)(1:1000 diluted).



Western blot analysis of extracts from K562 cells using [db12332](#)