

Recombinant

DGRmAb®

## TAK1 (DGR14186) Rabbit mAb

db12332

Package : 10µL 20µL 50µL 100µL

**Product Name** : TAK1 (DGR14186) Rabbit mAb**Cat.No.:** db12332**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

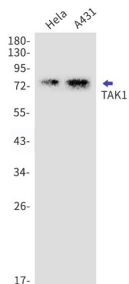
**Host species**

Rabbit

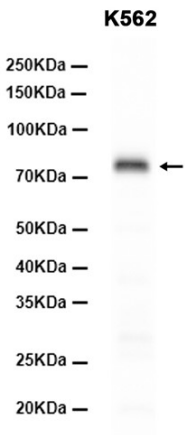
**Clonality**

Monoclonal

Clonality No.	DGR14186
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	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 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.