

**c-Fos (7D6) Mouse mAb**

db6207

Package : 50µL 100µL

**Product Name** : c-Fos (7D6) Mouse mAb**Cat.No.:** db6207**Synonyms** : p55;AP-1;C-FOS**Application** : WB**Reactivity** : Human, Rat, Monkey**Host species** : Mouse**Background**

Nuclear phosphoprotein which forms a tight but non-covalently linked complex with the JUN/AP-1 transcription factor. In the heterodimer, FOS and JUN/AP-1 basic regions each seems to interact with symmetrical DNA half sites. On TGF-beta activation, forms a multimeric SMAD3/SMAD4/JUN/FOS complex at the AP1/SMAD-binding site to regulate TGF-beta-mediated signaling. Has a critical function in regulating the development of cells destined to form and maintain the skeleton. It is thought to have an important role in signal transduction, cell proliferation and differentiation. In growing cells, activates phospholipid synthesis, possibly by activating CDS1 and PI4K2A. This activity requires Tyr-dephosphorylation and association with the endoplasmic reticulum.

**Immunogen**

Purified recombinant human FOS protein fragments expressed in E.coli

**Gene ID**

2353

**Swiss Prot**

P01100

**Synonyms**

p55;AP-1;C-FOS

**Reactivity**

Human, Rat, Monkey

**Application**

WB

**Recommended dilution**

WB: 1:500-1:1000

**Calculated MW**

41 kDa

**Observed MW**

62 kDa

**Host species**

Mouse

**Clonality**

Monoclonal

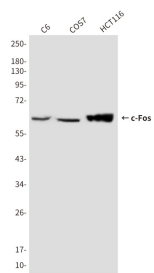
**Clonality No.**

7D6-A9-D4

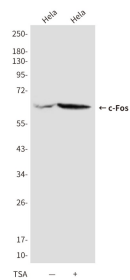
**Isotype**

IgG1

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.



Western blot analysis of c-Fos in HCT116, COS7 and C6 lysates using c-Fos antibody.



Western blot analysis of c-Fos (7D6) in Hela(TSA treated ) and Hela lysates using c-Fos antibody.