

## Oct 4 (3F5) Mouse mAb

db6021

Package : 50µL 100µL

**Product Name** : Oct 4 (3F5) Mouse mAb**Cat.No.:** db6021**Synonyms** : Oct-4 (3F5); Oct3; Oct4; Otf3; Otf4; NF-A3; Oct-3; Oct-4; Otf-3; Otf-4; Otf3g; Oct3/4; Oct-3/4; Otf3-rs7**Application** : WB**Reactivity** : Mouse**Host species** : Mouse**Background**

Transcription factor that binds to the octamer motif (5'-ATTTGCAT-3'). Forms a trimeric complex with SOX2 on DNA and controls the expression of a number of genes involved in embryonic development such as YES1, FGF4, UTF1 and ZFP206. Critical for early embryogenesis and for embryonic stem cell pluripotency.

**Immunogen**

Purified recombinant mouse POU5F1/OCT4 protein fragments expressed in E.coli

**Gene ID**

18999

**Swiss Prot**

P20263

**Synonyms**

Oct-4 (3F5); Oct3; Oct4; Otf3; Otf4; NF-A3; Oct-3; Oct-4; Otf-3; Otf-4; Otf3g; Oct3/4; Oct-3/4; Otf3-rs7

**Reactivity**

Mouse

**Application**

WB

**Recommended dilution**

WB: 1:500-1:1000

**Calculated MW**

38 kDa

**Observed MW**

45 kDa

**Host species**

Mouse

**Clonality**

Monoclonal

**Clonality No.**

3F5-F9-E5

**Isotype**

IgG2b

**Purity**

Affinity Purification

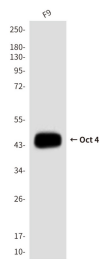
**Conjugation**

Un-conjugated

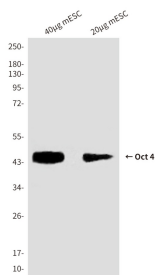
**Storage Stability**

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 POU5F1/Oct-4 in F9 lysates using POU5F1/Oct-4 antibody.



Western blot analysis of Oct-4 (3F5) in 20ug and 40ug mESC lysates using POU5F1/Oct-4 antibody.