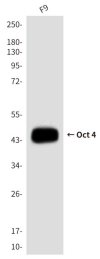
Oct 4 (3F5) Mouse mAb

db6021 **Package : 50μL 100μL**

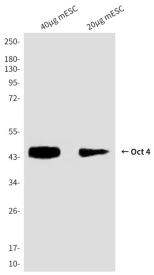
Product Name : Oct 4 (3F5) Mouse mAb
Cat.No.: db6021
Synonyms : Oct-4 (3F5); Oct3; Oct4; Otf3; Otf4; NF-A3; Oct-3; Oct-4; Otf-3; Otf-4; Otf3g; Oct3/4; Oct-3/4; Otf3-rs7
Application : WB
Reactivity : Mouse
Host species : Mouse

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.