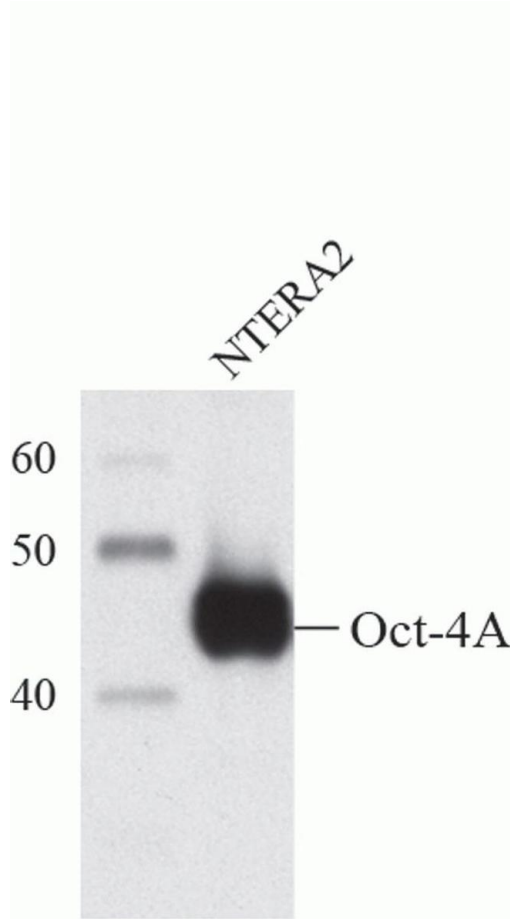


# OCT4 Monoclonal Antibody (C30A3)

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Published Species	Human
Host/Isotype	Rabbit / IgG
Class	Monoclonal
Type	Antibody
Clone	C30A3
Conjugate	Unconjugated
Immunogen	Recombinant protein specific to the amino terminus of human Oct-4A
Form	Liquid
Storage conditions	-20°C
RRID	AB_2534182

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	2 Publications
Immunohistochemistry (IHC)	-	2 Publications
Immunocytochemistry (ICC/IF)	1:400	9 Publications
Flow Cytometry (Flow)	1:600	-

Product Images For OCT4 Monoclonal Antibody (C30A3)



**OCT4 Antibody (A13998) in WB**  
Western blot analysis of extracts from NTERA2 cells (lane 1) using Oct-4A Rabbit Monoclonal Antibody.

[View more figures on thermofisher.com](https://www.thermofisher.com)

## Western Blot (2)

### Stem cell reports

#### Development and Dynamic Regulation of Mitochondrial Network in Human Midbrain Dopaminergic Neurons Differentiated from iPSCs.

"Published figure using OCT4 monoclonal antibody (Product # A13998) in Western Blot"

Authors: Fang D,Qing Y,Yan S,Chen D,Yan SS

Year  
2016

### Scientific reports

#### Mfn2 is Required for Mitochondrial Development and Synapse Formation in Human Induced Pluripotent Stem Cells/hiPSC Derived Cortical Neurons.

"A13998 was used in immunocytochemistry and western blot study mitochondrial development, neurogenesis, and synapse formation in human induced pluripotent stem cell-derived cortical neurons"

Authors: Fang D,Yan S,Yu Q,Chen D,Yan SS

Year  
2016

Species  
Human

Dilution  
1:1000

## Immunohistochemistry (2)

### Stem cell research

#### An induced pluripotent stem cell line (TRNDi001-D) from a Niemann-Pick disease type C1 (NPC1) patient carrying a homozygous p. I1061T (c. 3182T>C) mutation in the NPC1 gene.

"Published figure using OCT4 monoclonal antibody (Product # A13998) in Immunohistochemistry"

Authors: Li R,Pradhan M,Xu M,Roeder A,Beers J,Zou J,Liu C,Porter FD,Zheng W

Year  
2020

### Molecular cell

#### -Hydroxybutyrate Prevents Vascular Senescence through hnRNP A1-Mediated Upregulation of Oct4.

"Published figure using OCT4 monoclonal antibody (Product # A13998) in Immunofluorescence"

Authors: Han YM,Bedarida T,Ding Y,Somba BK,Lu Q,Wang Q,Song P,Zou MH

Year  
2018

## More applications with references on thermofisher.com

## ICC/IF (9)

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