

OCT4 Monoclonal Antibody (C30A3)

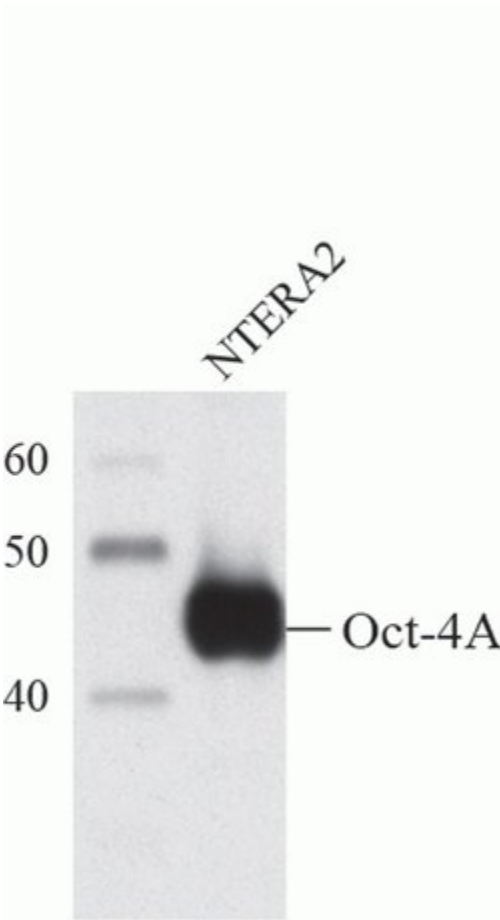
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Published Species	Human
Host/Isotope	Rabbit / IgG
Class	Monoclonal
Type	Antibody
Clone	C30A3
Conjugate	Unconjugated
Immunogen	Recombinant protein specific to the amino terminus of human Oct-4A
Form	Liquid
Purification	purified
Storage buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 50% glycerol, 100µg/mL BSA
Contains	<0.02% sodium azide
Storage Conditions	-20°C
RRID	AB_2534182

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	1:600	-
Immunofluorescence (IF)	1:400	2 Publications
Western Blot (WB)	1:1,000	2 Publications
Immunocytochemistry (ICC)	-	4 Publications

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.



8 References

Immunocytochemistry (4)

Stem cells translational medicine

Induced Pluripotent Stem Cells for Disease Modeling and Evaluation of Therapeutics for Niemann-Pick Disease Type A.

"A13998 was used in immunocytochemistry to generate a model for Niemann-Pick disease type A and screen for compounds that inhibit reduce lysosomal lipid accumulation"

Authors: Long Y, Xu M, Li R, Dai S, Beers J, Chen G, Soheilian F, Baxa U, Wang M, Marugan JJ, Muro S, Li Z, Brady R, Zheng W

Species
Human

Dilution
1:100

Year
2016

Reproduction (Cambridge, England)

Morphokinetics of cloned mouse embryos treated with epigenetic drugs and blastocyst prediction.

"A13998 was used in immunocytochemistry to analyze cloned mouse embryos morphokinetics after treatment with epigenetic drugs and blastocyst prediction"

Authors: Mallol A, Piqué L, Santaló J, Ibáñez E

Species
Not Applicable

Dilution
1:50

Year
2016

[View more ICC references on thermofisher.com](#)

Western Blot (2)

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

Species
Human

Dilution
1:1000

Year
2016

Molecular medicine reports

Endosialin-expressing bone sarcoma stemlike cells are highly tumorinitiating and invasive.

"A13998 was used in immunocytochemistry and western blot to assess endosialin-expressing bone sarcoma stem-like cells and their invasive and highly-tumor initiating properties"

Authors: Sun DX, Liao GJ, Liu KG, Jian H

Species
Human
Not Applicable

Dilution
Not Cited
1:500

Year
2015

More applications with references on thermofisher.com

IF (2)

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