

Product Datasheet

OCT4 Antibody (735) NBP2-15051

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP2-15051**OCT4 Antibody (735)**

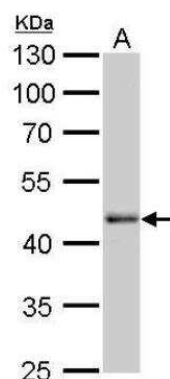
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	735
Preservative	No Preservative
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	39 kDa

Product Description	
Host	Mouse
Gene ID	5460
Gene Symbol	POU5F1
Species	Human
Reactivity Notes	Chimpanzee (100%), Cat (89%), Pig (88%), Rabbit (85%), Bovine (85%).
Marker	Embryonic Stem Cell Marker
Immunogen	Recombinant protein encompassing a sequence within the center region of human OCT4. The exact sequence is proprietary.

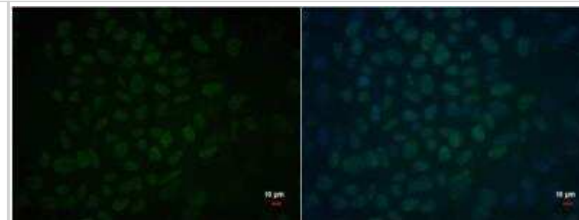
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:10000, Flow Cytometry 1:50-1:200, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:100-1:500

Images

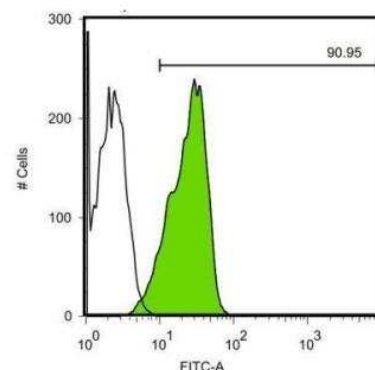
Western Blot: OCT4 Antibody (735) [NBP2-15051] - A. 30 ug human ESC whole cell lysate/extract 10 % SDS-PAGE dilution: 1:1000



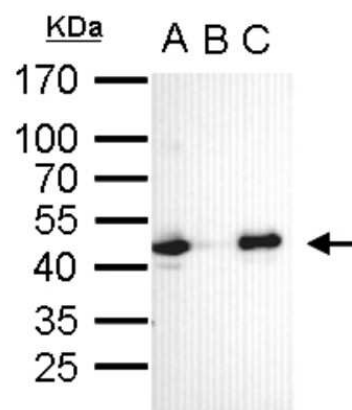
Immunocytochemistry/Immunofluorescence: OCT4 Antibody (735) [NBP2-15051] - Human embryonic stem cell were fixed in 4% paraformaldehyde for 15 min. Green: Oct4 protein stained by Oct4 antibody diluted at 1:500. Blue: Hoechst 33342 staining. Scale bar = 10 μ m.



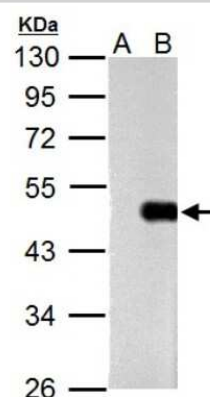
Flow Cytometry: OCT4 Antibody (735) [NBP2-15051] - Sample: Human embryonic stem cells Black: Isotype control dilution: 1:50 Green: Oct4 antibody [735] dilution: 1:50



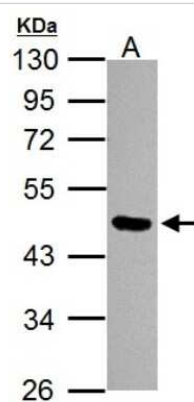
Western Blot: OCT4 Antibody (GT735) [NBP2-15051] - Sample: cell lysate/extract of OCT4 gene transfected 293T cells A. Cell lysate/extract of transfected 293T cell, B. Control with 2 μ g of preimmune mouse IgG, C. Immunoprecipitation of OCT4 by 2 μ g of OCT4 antibody 12% SDS-PAGE gel.



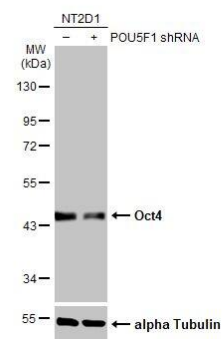
Western Blot: OCT4 Antibody (GT735) [NBP2-15051] - Sample (10 μ g of whole cell lysate) A: Non-transfected HeLa lysates B: OCT 3/4 transfected HeLa lysates 10% SDS PAGE; antibody diluted at 1:5000.



Western Blot: OCT4 Antibody (GT735) [NBP2-15051] - Sample (30 ug of whole cell lysate) A: NT2D1 10% SDS PAGE; antibody diluted at 1:1000.



Western Blot: OCT4 Antibody (735) [NBP2-15051] - Non-transfected (–) and transfected (+) NT2D1 whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Oct4 antibody [GT735] diluted at 1:2000. The HRP-conjugated anti-mouse IgG antibody was used to detect the primary antibody.





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Products Related to NBP2-15051

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NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NB100-2379PEP	OCT4 Antibody Blocking Peptide

Limitations

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