

Product Datasheet

OCT4 Antibody (735) - Azide and BSA Free 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) - Azide and BSA Free

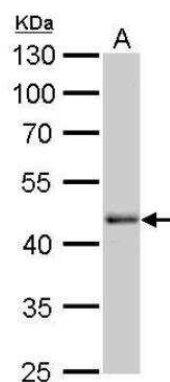
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	735
Preservative	No Preservative
Isotype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

Product Description	
Description	Novus Biologicals Mouse OCT4 Antibody (735) - Azide and BSA Free (NBP2-15051) is a monoclonal antibody validated for use in WB, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
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.

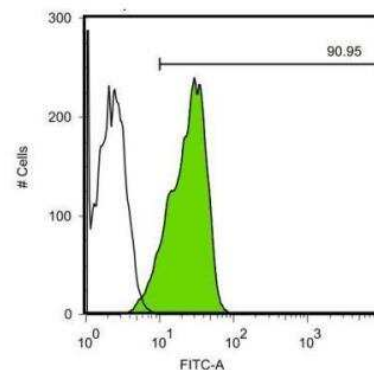
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:10000, Flow Cytometry 1:50-1:200, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:100-1:500

Images

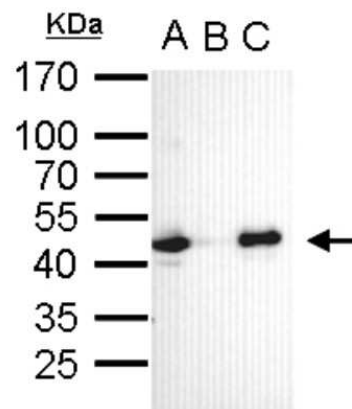
Western Blot: OCT4 Antibody (735) [NBP2-15051] - A. 30 ug human ESC whole cell lysate/extract 10 % SDS-PAGE dilution: 1:1000



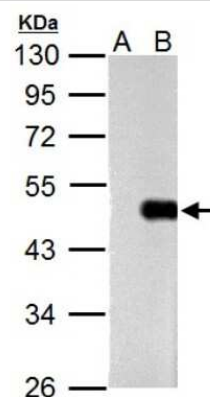
Flow Cytometry: OCT4 Antibody (735) [NBP2-15051] - Sample: Human embryonic stem cells Black: Isotype control dilution: 1:50 Green: Oct4 antibody [735] dilution: 1:50



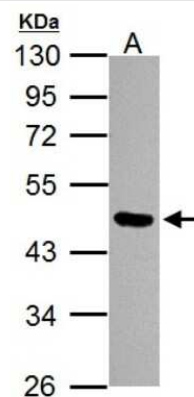
Western Blot: OCT4 Antibody (GT735) [NBP2-15051] - Sample: cell lysate/extract of OCT4 gene transfected 293T cells A. Cell lysate/extract of transfected 293T cell, B. Control with 2 ug of preimmune mouse IgG, C. Immunoprecipitation of OCT4 by 2 ug of OCT4 antibody 12% SDS-PAGE gel.



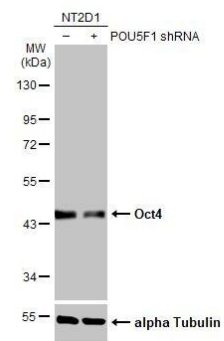
Western Blot: OCT4 Antibody (GT735) [NBP2-15051] - Sample (10 ug of whole cell lysate) A: Non-transfected HeLa lysates B: OCT 3/4 transfected HeLa lysates 10% SDS PAGE; antibody diluted at 1:5000.



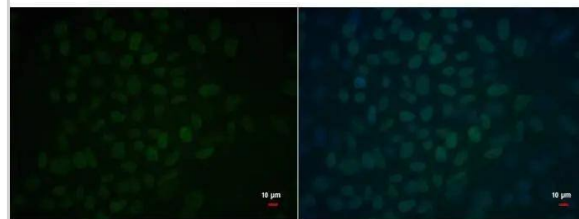
Western Blot: OCT4 Antibody (GT735) [NBP2-15051] - Sample (30 ug of whole cell lysate) A: NT2D1 10% SDS PAGE; antibody diluted at 1:1000.



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.



Oct4 antibody detects Oct4 protein by immunofluorescent analysis.
 Sample: human embryonic stem cell were fixed in 4% paraformaldehyde for 15 min.
 Green: Oct4 protein stained by Oct4 antibody (NBP2-15051) diluted at 1:500.
 Blue: Hoechst 33342 staining.
 Scale bar = 10 um.





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Products Related to NBP2-15051

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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