

Anti-Oct4 POU5F1 Rabbit Monoclonal Antibody

Catalog Number: M00174

About POU5F1

C3 plays a central role in the activation of the complement system. Its processing by C3 convertase is the central reaction in both classical and alternative complement pathways. After activation C3b can bind covalently, via its reactive thioester, to cell surface carbohydrates or immune aggregates.

Overview

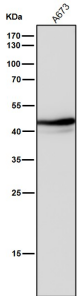
Product Name	Anti-Oct4 POU5F1 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-Oct4 POU5F1 Rabbit Monoclonal Antibody catalog # M00174. Tested in WB, IHC, ICC/IF, IP applications. This antibody reacts with Human, Mouse.
Application	IP, IF, IHC, ICC, WB
Clonality	Monoclonal GDI-16
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q01860

Technical Details

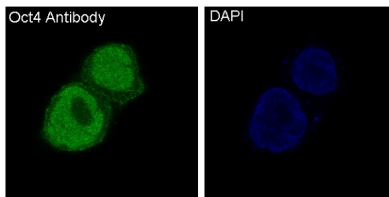
Immunogen	A synthesized peptide derived from human Oct4
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used:

	WB 1:500-1:1000 IHC 1:50-1:200 ICC/IF 1:50-1:200 IP 1:50
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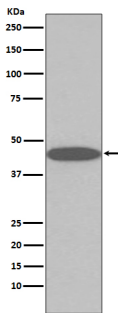
Anti-Oct4 POU5F1 Rabbit Monoclonal Antibody (M00174) Images



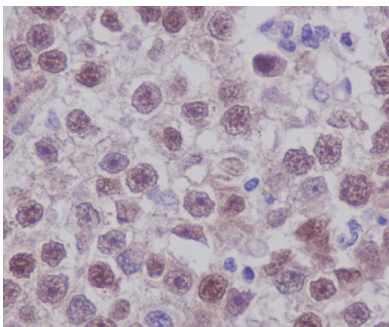
All lanes use the Antibody at 1:2k dilution for 1 hour at room temperature.



Immunofluorescent analysis of NCCIT cells, using Oct4 Antibody.



Western blot analysis of Oct4 expression in NCCIT cell lysate.



Immunohistochemical analysis of paraffin-embedded human seminoma, using Oct4 Antibody.

2 Publications Citing This Product

1. PubMed ID: 26616638, Isolation and morphological characterization of ovine amniotic fluid mesenchymal stem cells
2. PubMed ID: 25017645, Knockdown of OCT4 suppresses the growth and invasion of pancreatic cancer cells through inhibition of the AKT pathway

Visit bosterbio.com/anti-oct4-rabbit-monoclonal-antibody-m00174-boster.html to see all 2 publications.

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