

## Anti-Oct4 POU5F1 Rabbit Monoclonal Antibody

Catalog Number: M00174

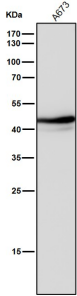
### Overview

|                      |  |
|----------------------|--|
| 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 stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.<br>*This antibody is supplied in a stabilized formulation.<br>Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required. |
| 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   |

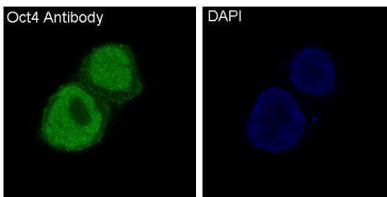
### Technical Details

|                     |   |
|---------------------|---|
| Immunogen           | A synthesized peptide derived from human Oct4                     |
| Isotype             | Rabbit IgG  |
| Form                | Liquid  |
| Concentration       | 0.5mg/ml  |
| Purification        | Affinity-chromatography   |
| Suggested Dilutions | WB 1:500-1:1000<br>IHC 1:50-1:200<br>ICC/IF 1:50-1:200<br>IP 1:50 |

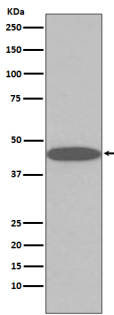
## Anti-Oct4 POU5F1 Rabbit Monoclonal Antibody (M00174) Images



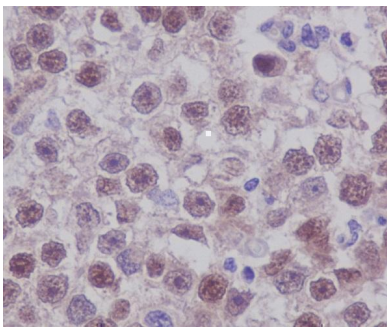
All lanes use the Antibody at 1:2k dilution for 1 hour at room temperature.



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](http://bosterbio.com/anti-oct4-rabbit-monoclonal-antibody-m00174-boster.html) to see all 2 publications.

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