

## Anti-Oct4 (POU5F1) Mouse Monoclonal Antibody [Clone ID: OTI7H1]

Catalog Number: M00174-1

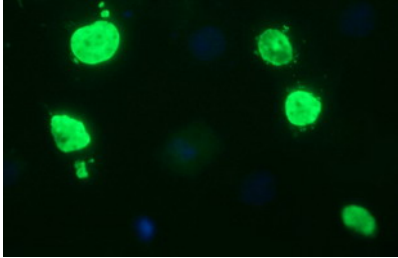
### Overview

Product Name	Anti-Oct4 (POU5F1) Mouse Monoclonal Antibody [Clone ID: OTI7H1]
Reactive Species	Human, Mouse, Rat
Description	Boster Bio POU5F1 mouse monoclonal antibody, clone OTI7H1 (formerly 7H1). Catalog# M00174-1. Tested in IF, WB. This antibody reacts with Human, Mouse, Rat.
Conjugate	Unconjugated
Application	IF, WB
Clonality	Monoclonal OTI7H1
Formulation	PBS (pH 7.3) containing 1% stabilizing protein, 50% glycerol and 0.02% sodium azide. This antibody is supplied in a stabilized formulation. 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	Mouse
Uniprot ID	Q01860

### Technical Details

Immunogen	Full length human recombinant protein of human POU5F1 (NP_002692) produced in HEK293T cell.
Isotype	IgG1
Concentration	1 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Suggested Dilutions	WB 1:200~1000 IF: 1:100

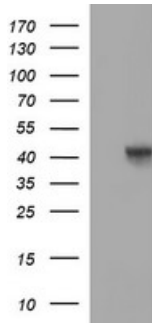
## Anti-Oct4 (POU5F1) Mouse Monoclonal Antibody [Clone ID: OTI7H1] (M00174-1) Images



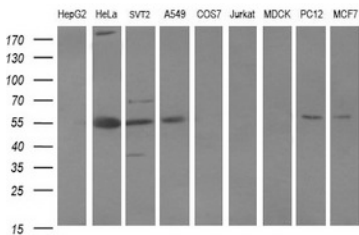
Anti-POU5F1 mouse monoclonal antibody (M00174-1) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY POU5F1 (1:100).



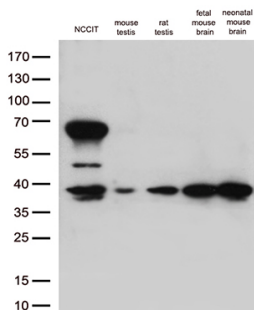
Immunofluorescent staining of CRL1973 cells using anti-POU5F1 mouse monoclonal antibody (M00174-1) (1:100).



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY POU5F1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-POU5F1.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-POU5F1 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



Western blot analysis of extracts (35ug) from 1 cell line lysate and 4 tissue lysates by using anti-POU5F1 monoclonal antibody (1:250).

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Anti-Oct4 (POU5F1) Mouse Monoclonal Antibody [Clone ID: OT17H1]

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