

Datasheet for ABIN930911  
**anti-POU2F1 antibody**



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2 Images

## Overview

Quantity:	100 µg
Target:	POU2F1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Dot Blot (DB)

## Product Details

Immunogen:	POU2 F1 antibody was raised in mouse using recombinant Pou Domain, Class 2, Transcription Factor 1
Clone:	POU5I097
Isotype:	IgG1
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Other species not studied.
Purification:	Protein G affinity chromatography

## Target Details

Target:	POU2F1
Alternative Name:	POU2F1 ( <a href="#">POU2F1 Products</a> )
Background:	Transcription factor that binds to the octamer motif (5'-ATTTGCAT-3') and activates the

## Target Details

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promoters of the genes for some small nuclear RNAs (snRNA) and of genes such as those for histone H2B and immunoglobulins. Modulates transcription transactivation by NR3C1, AR and PGR. Synonyms: Monoclonal POU2F1 antibody, Anti-POU2F1 antibody, POU domain class 2 transcription factor 1 antibody, OCT1 antibody, OTF1 antibody.

## Application Details

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Application Notes: WB: 0.2-2 µg/mL, ICC: 2-100 µg/mL  
Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Concentration: Lot specific

Buffer: POU2 F1 antibody in PBS (3.0 mM KCl, 1.5 mM KH<sub>2</sub> PO<sub>4</sub>, 140 mM NaCl, 8.0 mM Na<sub>2</sub> HPO<sub>4</sub> (pH 7.4)) containing 1 % bovine serum albumin (BSA) and 0.05 % sodium azide (NaN<sub>3</sub>).

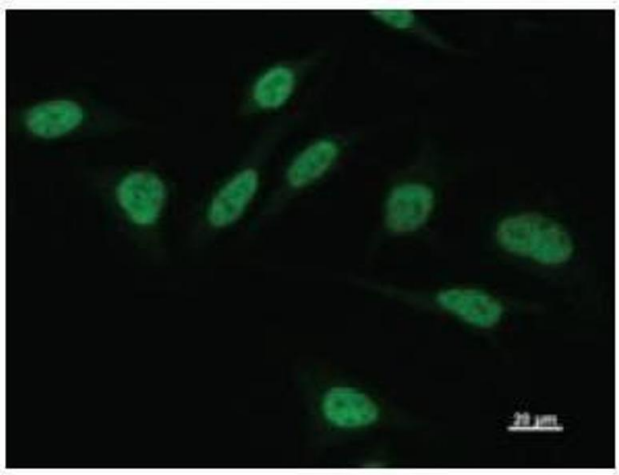
Preservative: Sodium azide

Precaution of Use: This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles.  
Dilute only prior to immediate use.

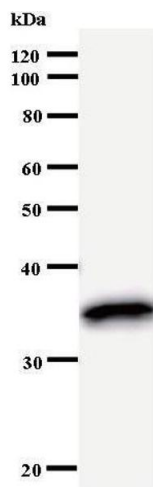
Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for up to one year. We recommend long term storage at -20 °C.



### Immunofluorescence

**Image 1.** Immunostaining analysis in HeLa cells. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100 in PBS. The cells were stained with anti-POU2F1 antibody.



### Western Blotting

**Image 2.**