

## Oct-4 Rabbit mAb(AR1233)

### Key Features

Host Species:	Rabbit
Reactivity:	Human,Mouse
Applications:	WB,IHC,IF,IP,ELISA
Isotype:	IgG,Kappa
MW:	39kD (Calculated) 45kD (Observed)

### Recommended Dilution Ratios

IHC:	1:1000-5000
WB:	1:2000-10000
IF:	1:200-1000
ELISA:	1:5000-20000
IP:	1:50-200

### Storage

-15°C to -25°C/1 year (Do not lower than -25°C)

### Basic Information

Clonality	Monoclonal
-----------	------------

### Immunogen Information

Specificity	Endogenous
-------------	------------

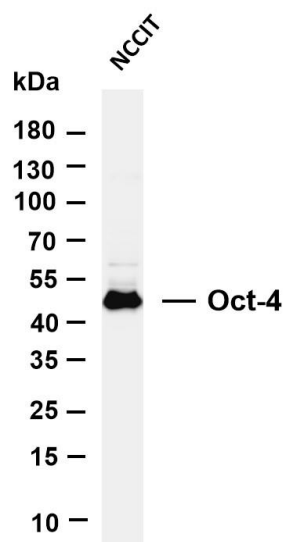
### Target Information

Gene name	POU5F1
Protein Name	POU domain class 5 transcription factor 1

Organism	Gene ID	UniProt ID
Human	5460	Q01860
Mouse	18999	P20263

Cellular Localization	Nucleus
Tissue specificity	Expressed in developing brain. Highest levels found in specific cell layers of the cortex, the olfactory bulb, the hippocampus and the cerebellum. Low levels of expression in adult tissues.

## Validation Data

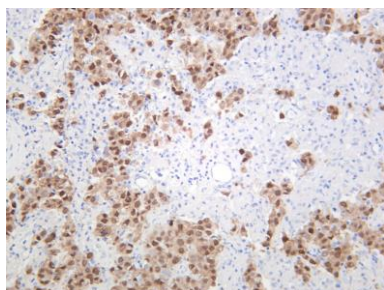


Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Oct-4 antibody. The HRP conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

Lane 1: NCCIT

Predicted band size: 39kDa

Observed band size: 45kDa



Human seminoma was stained with anti-Oct-4 rabbit antibody

For Research Use Only