

Datasheet for ABIN2665310  
**anti-Oct-2 antibody**



[Go to Product page](#)

2 Images

## Overview

Quantity:	100 µg
Target:	Oct-2 (POU2F2)
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Oct-2 antibody is un-conjugated
Application:	Flow Cytometry (FACS)

## Product Details

Clone:	2B10B19
Isotype:	IgG1 kappa
Cross-Reactivity:	Mouse (Murine)
Purification:	The antibody was purified by affinity chromatography.

## Target Details

Target:	Oct-2 (POU2F2)
Alternative Name:	Oct-2 ( <a href="#">POU2F2 Products</a> )
Background:	OCT2 is a member of the POU family of transcription factors that was found to be expressed predominantly in B lymphocytes, activated T lymphocytes, and neuronal cells. OCT2 binds to the conserved octamer DNA element, ATGCAAAT, which was discovered in the promoters and enhancers of immunoglobulin (Ig) genes. In addition to regulating Ig gene expression, OCT2

Target Details

controls several B cell specific genes required for proliferation and differentiation, such as CD20, CD36, and CD79a. OCT2 was found to have different isoforms produced by alternative splicing. The OCT2 isoforms exert distinct functional activities and can act as transcriptional activators or repressors.

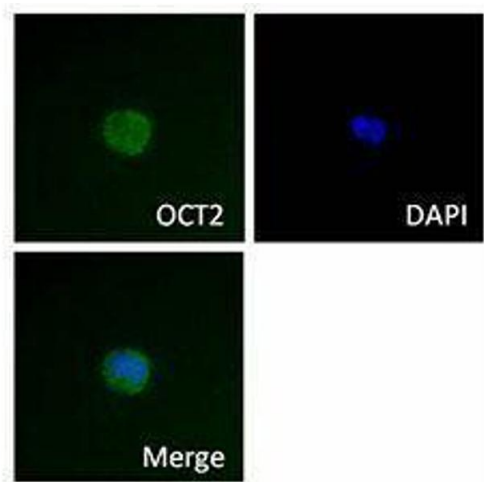
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

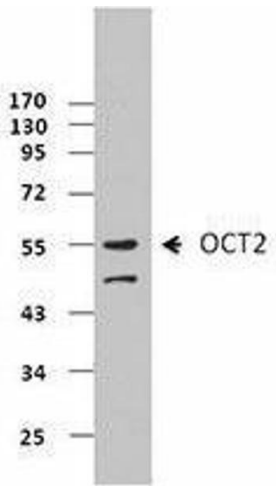
Concentration:	0.5 mg/mL
Buffer:	Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	The antibody solution should be stored undiluted between 2°C and 8°C.

Images



Immunofluorescence

Image 1.



Western Blotting

Image 2.