

Datasheet for ABIN2666253

**anti-Nanog antibody****3** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	Nanog (NANOG)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Nanog antibody is un-conjugated
Application:	Biochemical Assay (BCA)

## Product Details

Clone:	23D2-3C6
Isotype:	IgG1
Purification:	The antibody was purified by affinity chromatography.

## Target Details

Target:	Nanog (NANOG)
Alternative Name:	Nanog ( <a href="#">NANOG Products</a> )
Background:	Nanog is a transcription factor that plays key roles in the maintenance of pluripotency and self-renewal in embryonic stem cells. Nanog expression is regulated by other transcription factors, which include Sox2 and Oct-4. It also plays a role in epithelial malignancy and is enriched in cancer stem cells. The ablation of nanog is sufficient to reduce the cancer stem cell pool.
Pathways:	<a href="#">Stem Cell Maintenance</a>

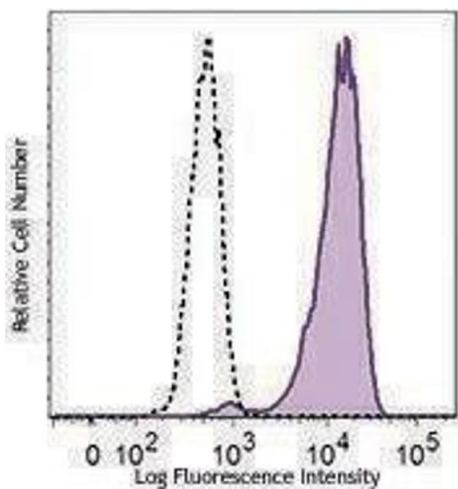
## Application Details

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

## Handling

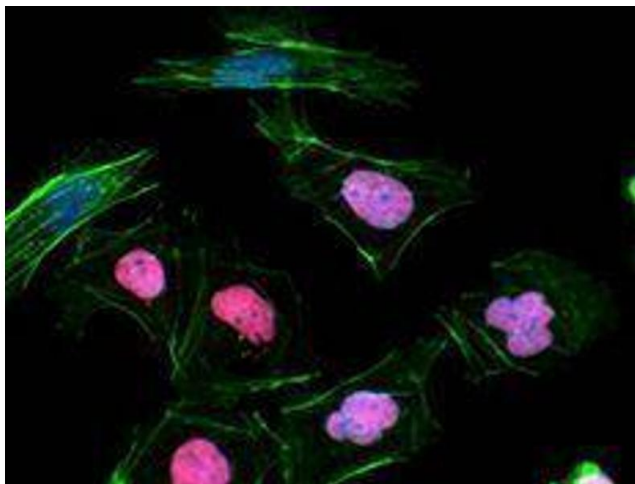
Concentration:	0.5 mg/mL
Buffer:	Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Upon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

## Images



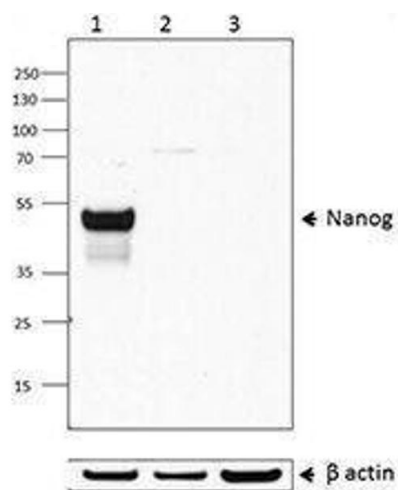
### Flow Cytometry

Image 1.



### Immunofluorescence

Image 2.



Western Blotting

Image 3.