

Datasheet for ABIN7263835

**anti-PRMT6 antibody****1** Image[Go to Product page](#)

## Overview

Quantity:	200 µL
Target:	PRMT6
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRMT6 antibody is un-conjugated
Application:	Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant fusion protein of human PRMT6 (NP_060607.2).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

## Target Details

Target:	PRMT6
Alternative Name:	PRMT6 ( <a href="#">PRMT6 Products</a> )
Background:	The protein encoded by this gene belongs to the arginine N-methyltransferase family, which catalyze the sequential transfer of methyl group from S-adenosyl-L-methionine to the side chain nitrogens of arginine residues within proteins, to form methylated arginine derivatives and S-adenosyl-L-homocysteine. This protein can catalyze both, the formation of omega-N

## Target Details

monomethylarginine and asymmetrical dimethylarginine, with a strong preference for the latter. It specifically mediates the asymmetric dimethylation of Arg2 of histone H3, and the methylated form represents a specific tag for epigenetic transcriptional repression. This protein also forms a complex with, and methylates DNA polymerase beta, resulting in stimulation of polymerase activity by enhancing DNA binding and processivity.

Gene ID: 55170

UniProt: [Q96LA8](#)

## Application Details

Application Notes: IF 1:50-1:200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

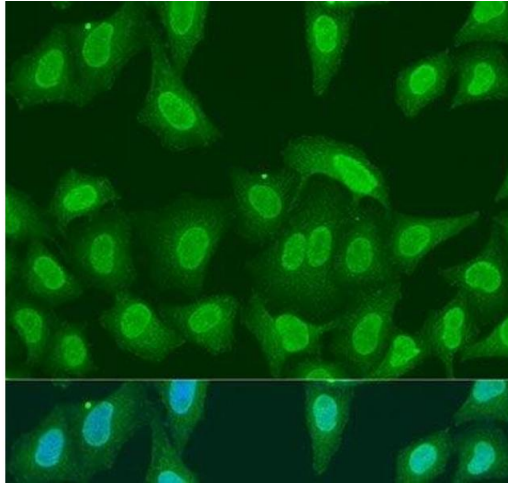
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

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: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



#### Immunofluorescence

**Image 1.** Immunofluorescence analysis of U2OS cells using PRMT6 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.