

## ARG43888 anti-PDS5B antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes PDS5B
Tested Reactivity	Hu, Ms
Tested Application	ELISA, FACS, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PDS5B
Species	Human
Immunogen	Human PDS5B recombinant protein
Conjugation	Un-conjugated
Alternate Names	PDS5B; PDS5 Cohesin Associated Factor B; AS3; Androgen-Induced Proliferation Inhibitor; KIAA0979; CG008; APRIN

### Application Instructions

Application table	Application	Dilution
	ELISA	0.1-0.5 µg/ml
	FACS	1-3 µg/1x10 <sup>6</sup> cells
	WB	0.1-0.25 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

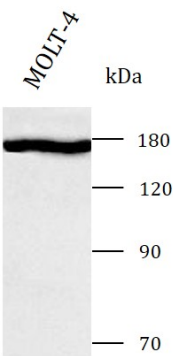
### Properties

Form	Liquid
Purification	Affinity purified with Immunogen.
Buffer	0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

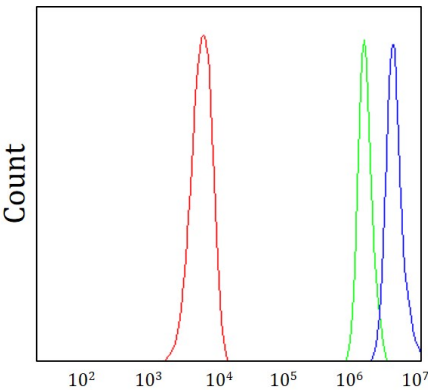
Gene Symbol	PDS5B
Gene Full Name	PDS5 Cohesin Associated Factor B
Background	This gene encodes a protein that interacts with the conserved protein complex termed cohesin. The cohesin complex holds together sister chromatids and facilitates accurate chromosome segregation during mitosis and meiosis. This protein is also a negative regulator of cell proliferation and may be a tumor-suppressor gene.
Function	Regulator of sister chromatid cohesion in mitosis which may stabilize cohesin complex association with chromatin. May couple sister chromatid cohesion during mitosis to DNA replication. Cohesion ensures that chromosome partitioning is accurate in both meiotic and mitotic cells and plays an important role in DNA repair. Plays a role in androgen-induced proliferative arrest in prostate cells.
Calculated Mw	165 kDa
PTM	Acetylation, Phosphoprotein
Cellular Localization	Nucleus

Images



ARG43888 anti-PDS5B antibody WB image

Western blot: MOLT-4 stained with ARG43888 anti-PDS5B antibody at 0.25 µg/mL dilution.



ARG43888 anti-PDS5B antibody FACS image

Flow Cytometry: PC-3 cells stained with ARG43888 anti-PDS5B antibody (blue) at 1 µg/1x10<sup>6</sup> cells dilution.

ARG43888 anti-PDS5B antibody WB image

Western blot: Mouse brain stained with ARG43888 anti-PDS5B antibody at 0.25 µg/mL dilution.

