



PDS5B Monoclonal Antibody

Catalog No	BYmab-05316
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	PDS5B APRIN AS3 KIAA0979
Protein Name	Sister chromatid cohesion protein PDS5 homolog B (Androgen-induced proliferation inhibitor) (Androgen-induced prostate proliferative shutoff-associated protein AS3)
Immunogen	Synthesized peptide derived from human protein . at AA range: 90-170
Specificity	PDS5B Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	159kD
Cell Pathway	Nucleus .
Tissue Specificity	Widely expressed.
Function	disease:Defects in PDS5B may be the cause of some cancers including esophageal cancer.,function:Plays a role in androgen-induced proliferative arrest in prostate cells. Required for maintenance of sister chromatid cohesion during mitosis.,induction:By the synthetic androgen R1881 in prostate carcinoma cells undergoing proliferative arrest. Maximum levels occur 18-20 hours after androgen exposure.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the PDS5 family.,similarity:Contains 1 HEAT repeat.,similarity:Contains 3 A.T hook DNA-binding domains.,subunit:Interacts with the cohesin complex.,tissue specificity:Widely expressed.,

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Background	PDS5 cohesin associated factor B(PDS5B) Homo sapiens 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. [provided by RefSeq, Jul 2015],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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