

**Product Name: Phospho-PRC1 (Thr481) Rabbit
Monoclonal Antibody
Catalog #: AMRe02468**

Summary

Production Name	Phospho-PRC1 (Thr481) Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	PRC1
Alternative Names	Protein regulator of cytokinesis 1
Gene ID	9055
SwissProt ID	O43663

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200
Molecular Weight	Calculated MW: 72 kDa; Observed MW: 72 kDa

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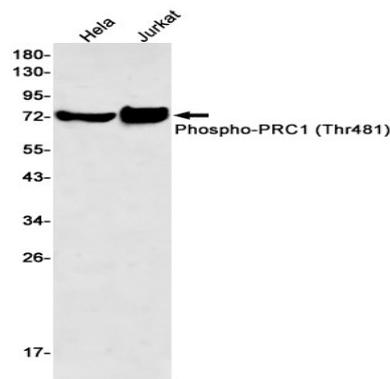
Background

Cross-links antiparallel microtubules at an average distance of 35 nM. Essential for controlling the spatiotemporal formation of the midzone and successful cytokinesis. Required for KIF14 localization to the central spindle and midbody.

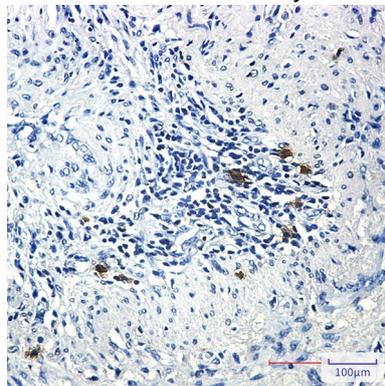
Research Area

Cell Biology

Image Data

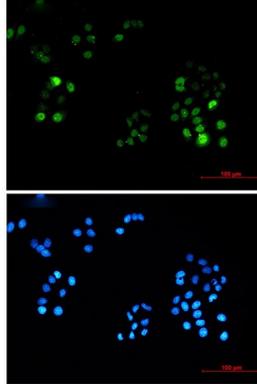


Western blot analysis of Phospho-PRC1 (Thr481) in HeLa, Jurkat lysates using Phospho-PRC1 (Thr481) antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using PRC1 (Phospho-Thr481) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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Immunocytochemistry analysis of Phospho-PRC1 (Thr481) (green) in HeLa using Phospho-PRC1 (Thr481) antibody, and DAPI(blue)

Note

For research use only.