

AB-NN231-1

CENP-A Antibody

Pan-specific monoclonal antibody (5A7-2E11) for monitoring the expression of human CENP-A



KINEXUS

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Target Protein

Name Long:	Histone H3-like centromeric protein A (CENP-A)
Alias:	CENP A, cenpa, Centromere auto antigen A, Histone H3 like centromeric protein A
UniProt ID:	P49450 - Human
Human Predicted Mass (KDa):	15.991 (140 AA; P49450-1); 13.001 (114 AA; P49450-2)
Observed SDS-PAGE Mass (KDa):	18

Immunogen

Antibody Immunogen Source:	Synthetic peptide corresponding to a portion of human CENP-A
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Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	8 IgG1
Antibody Purification:	Protein G purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline pH 7.4, 50% glycerol, 0.09% sodium azide
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

Applications

Product Use:	WB
Antibody Dilution Recommended:	WB (1:1000); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human
Antibody Positive Control:	1 µg/ml of SMC-202 was sufficient for detection of CENPA in 20 µg of U2OS cell lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	Detects a ~18 kDa protein. Recognizes human CENP-A.

This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-888-546-3987