

Product Datasheet

CENP-A Antibody (orb67389)

Description	Mouse Anti-Human CENP-A Monoclonal IgG1
Species/Host	Mouse
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	ICC, IF, WB
Immunogen	Synthetic peptide corresponding to a portion of human CENP-A
Target	CENPA
Preservatives	PBS, 50% glycerol, 0.09% sodium azide *Storage buffer changes when conjugated
Concentration	1 mg/ml
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Application notes	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.
Isotype	IgG1
Clonality	Monoclonal
Clone Number	5A7-2E11
MW	18kDa
Uniprot ID	P49450

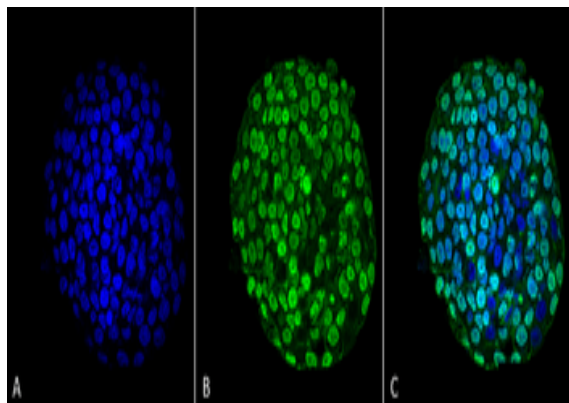
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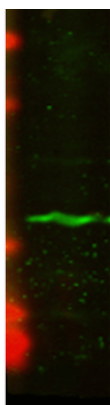
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NCBI	NP_001035891.1
Entrez	1058
Dilution Range	WB (1:1000), ICC/IF (1:100)
Expiration Date	12 months from date of receipt.



Immunocytochemistry/Immunofluorescence analysis using Mouse Anti-CENP-A Monoclonal Antibody, Clone 5A7-2E11. Tissue: Colon cancer cell line (HT-29). Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-CENP-A Monoclonal Antibody at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Mouse ATTO 488 at 1:100 for 60 min at RT. Counterstain: DAPI (blue) nuclear stain at 1:5000 for 5 min RT. Localization: Nucleus. Magnification: 60X.



Western Blot analysis of Human U2OS cell lysate showing detection of CENP-A protein using Mouse Anti-CENP-A Monoclonal Antibody, Clone 5A7-2E11. Primary Antibody: Mouse Anti-CENP-A Monoclonal Antibody at 1:1000.

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