

RPA2 Monoclonal Antibody (MA34)

Product Details	
Size	100 µL
Species Reactivity	Human, Non-human primate, Rat
Host/Isotype	Mouse / IgM
Class	Monoclonal
Type	Antibody
Clone	MA34
Conjugate	Unconjugated
Immunogen	RPA p34 subunit isolated from HeLa cells.
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	PBS with 1mg/mL BSA
Contains	0.05% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_795759

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500	-
Immunohistochemistry (Paraffin) (IHC (P))	1:10-1:100	-
Immunocytochemistry (ICC/IF)	1:100-1:1,000	-

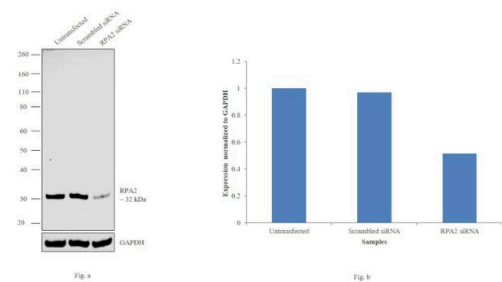
Product Specific Information

MA1-870 detects RPA p34 in human and rat cells.

MA1-870 has been successfully used in Western blotting, immunofluorescence and immunohistochemistry (paraffin) procedures. By Western blot it detects a 34 kDa protein representing RPA p34.

The MA1-870 immunogen is the RPA p34 subunit isolated from HeLa cells.

Product Images For RPA2 Monoclonal Antibody (MA34)

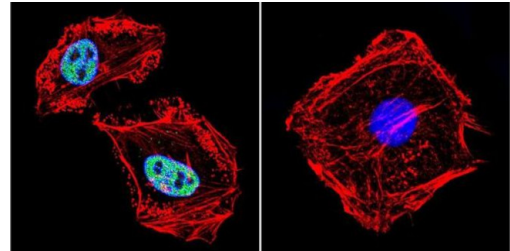
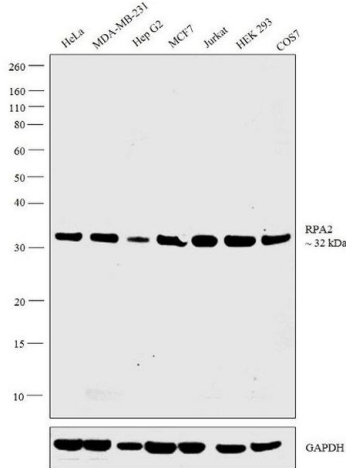


RPA2 Antibody (MA1-870)

Antibody specificity was demonstrated by siRNA mediated knockdown of target protein. RPA2 cells were transfected with RPA2 siRNA and reduction of signal was observed in Western Blot using RPA2 Monoclonal Antibody (MA34) (Product # MA1-870). {KD}

RPA2 Antibody (MA1-870) in WB

Western blot analysis was performed on modified whole cell extracts (1% SDS) (30 µg lysate) of HeLa (Lane 1), MDA-MB-231 (Lane 2), Hep G2 (Lane 3), MCF7 (Lane 4), Jurkat (Lane 5), HEK 293 (Lane 6) and COS7 (Lane 7). The blot was probed with Anti-RPA2 Monoclonal Antibody (Product # MA1-870, 1:500 dilution) and detected by chemiluminescence using Goat anti-Mouse IgG (H+L) Superclonal™ Secondary Antibody, HRP conjugate (Product # A28177, 0.25 µg /ml, 1:4000 dilution). A 32 kDa band corresponding to RPA2 was observed across the cell lines tested.



RPA2 Antibody (MA1-870) in ICC/IF

Immunofluorescent analysis of RPA34 in HeLa cells. Cells were grown on chamber slides and fixed with formaldehyde prior to staining. Cells were probed without (control) or with a RPA34 monoclonal antibody (Product # MA1-870) at a dilution of 1:200 overnight at 4 C, washed with PBS and incubated with a DyLight-488 conjugated secondary antibody (Product # 35503). RPA34 staining (green), F-Actin staining with Phalloidin (red) and nuclei with DAPI (blue) is shown. Images were taken at 60X magnification.

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