

APE1 Monoclonal Antibody (12H2)

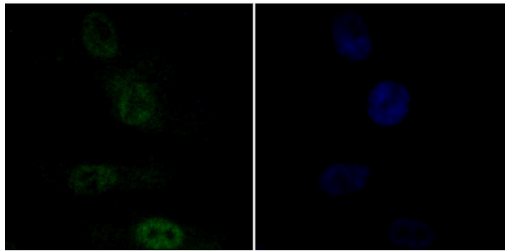
Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Host/Isotype	Mouse / IgG2b
Class	Monoclonal
Type	Antibody
Clone	12H2
Conjugate	Unconjugated
Immunogen	Recombinant protein within Human APE1 aa 20-350.
Form	Liquid
Concentration	2 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.4, with 50% glycerol, 0.2% BSA
Contains	0.05% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000-1:5,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	-
Immunocytochemistry (ICC/IF)	1:50	-
Flow Cytometry (Flow)	1:50-1:100	-

Product Images For APE1 Monoclonal Antibody (12H2)

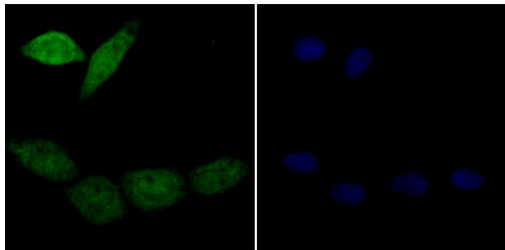
APE1 Antibody (MA5-45056) in ICC/IF

Immunocytochemistry analysis of APE1 in MG-63 cells (green). Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature. Samples were incubated in APE1 Monoclonal antibody (Product # MA5-45056) using a dilution of 1:50 for 1 hour at room temperature, washed with PBS followed by Alexa Fluor™ 488 Goat anti-Mouse IgG secondary antibody at a dilution of 1:100. The nuclear counter stain is DAPI (blue).



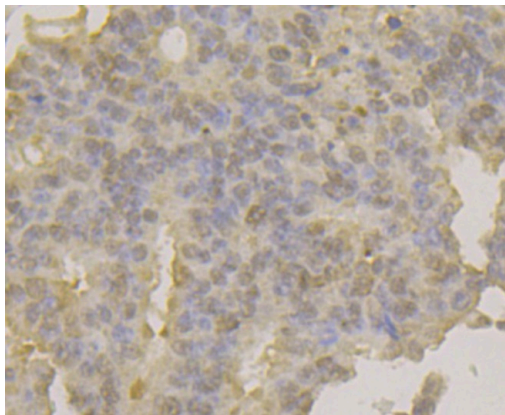
APE1 Antibody (MA5-45056) in ICC/IF

Immunocytochemistry analysis of APE1 in SiHa cells (green). Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature. Samples were incubated in APE1 Monoclonal antibody (Product # MA5-45056) using a dilution of 1:50 for 1 hour at room temperature, washed with PBS followed by Alexa Fluor™ 488 Goat anti-Mouse IgG secondary antibody at a dilution of 1:100. The nuclear counter stain is DAPI (blue).



APE1 Antibody (MA5-45056) in IHC (P)

Immunohistochemistry analysis of APE1 in paraffin-embedded human prostate cancer tissue. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH2O and PBS, and then probed with APE1 Monoclonal antibody (Product # MA5-45056) using a dilution of 1:200 for 30 minutes at room temperature. Detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. Counter stained with hematoxylin and mounted with DPX.



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