

KD-Validated Anti-APE1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

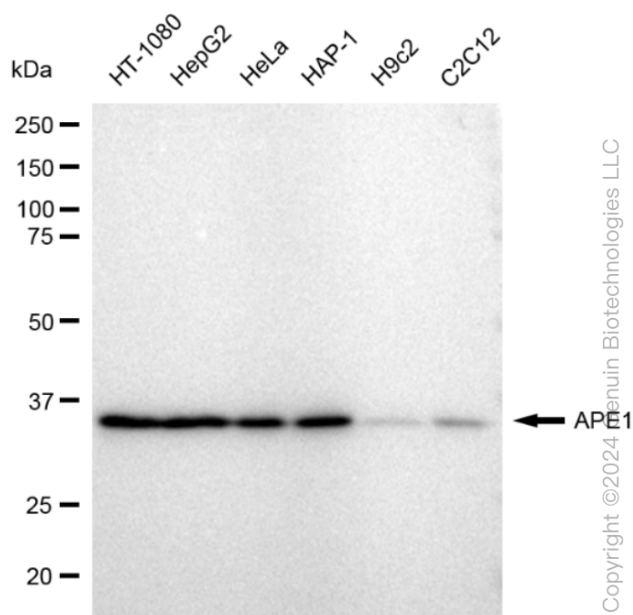
ABG1387

Product Overview

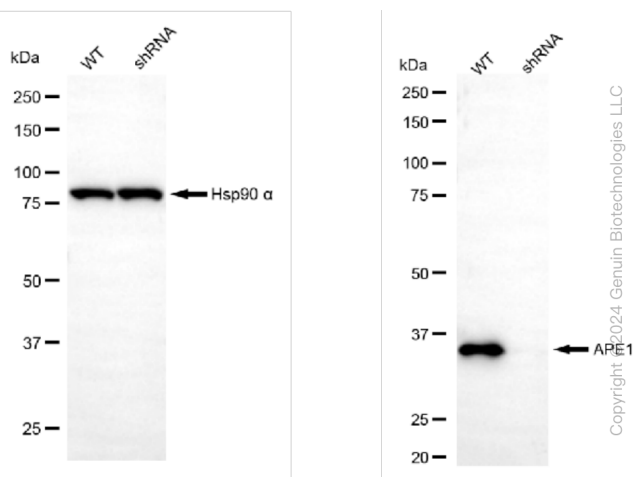
Name	KD-Validated Anti-APE1 Rabbit Monoclonal Antibody
Accession(Primary)	P27695
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human APE1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 36 kDa , observed, 36 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000

Target information (P27695)

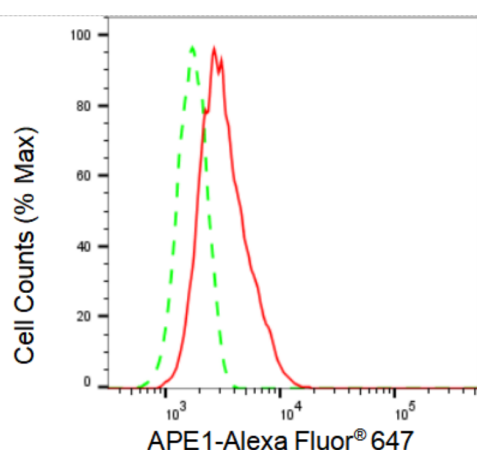
Gene Name	APEX1
About Gene Symbol	APEX1 (Apurinic/Apyrimidinic Endodeoxyribonuclease 1) is a metabolic enzyme involved in DNA damage response and repair. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellu



Western blotting analysis using anti-APE1 antibody (Cat#ABG1387). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-APE1 antibody (Cat#ABG1387, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-APE1 antibody (Cat#ABG1387). APE1 expression in wild type (WT) and APE1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-APE1 antibody (Cat#ABG1387, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of APE1 expression in HT-1080 cells using APE1 antibody (Cat#ABG1387, 1:2,000). Green, isotype control; red, APE1.