

KD-Validated Anti-DDX50 Mouse Monoclonal Antibody

Mouse monoclonal antibody

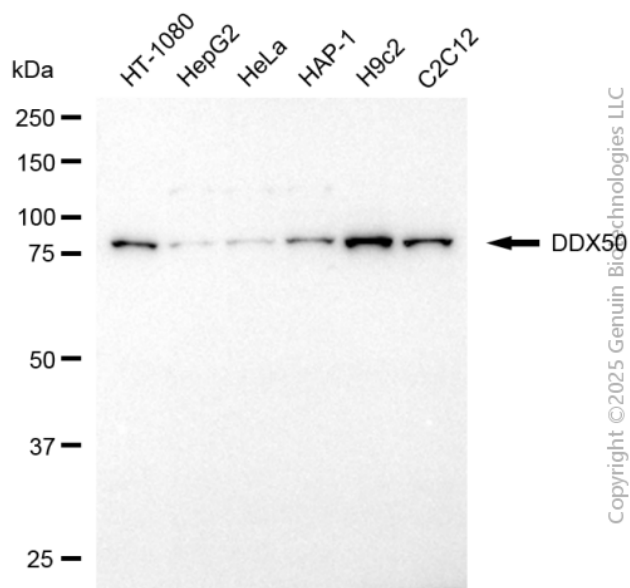
ABG2047

Product Overview

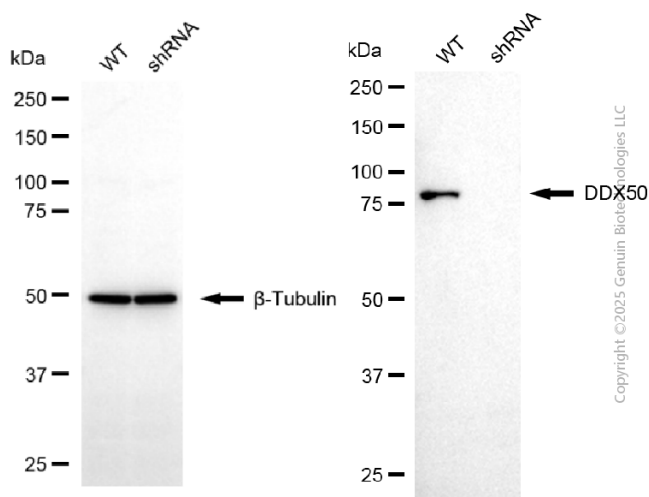
Name	KD-Validated Anti-DDX50 Mouse Monoclonal Antibody
Accession(Primary)	Q9BQ39
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG2b
Immunogen	Recombinant protein of human DDX50
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 83 kDa, observed, 83 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:500-1:2,500Immunocytochemistry (IC): 1:100-1:1,000

Target information (Q9BQ39)

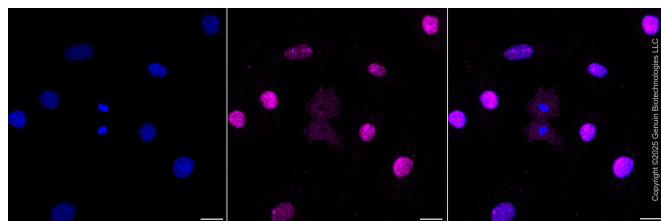
Gene Name	DDX50
About Gene Symbol	DDX50 (DEXD-Box Helicase 50) is a metabolic enzyme involved in adaptive immunity. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



Western blotting analysis using anti-DDX50 antibody (Cat#ABG2047). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-DDX50 antibody (Cat#ABG2047, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Western blotting analysis using anti-DDX50 antibody (Cat#ABG2047). DDX50 expression in wild type (WT) and DDX50 shRNA knockdown (KD) HT-1080 cells with 20 μ g of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with anti-DDX50 antibody (Cat#ABG2047, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Immunocytochemical staining of H9c2 cells with anti-DDX50 antibody (Cat#ABG2047, 1:1,000). Nuclei were stained blue with DAPI; DDX50 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar, 20 μ m.