

KD-Validated Anti-FLT1 Mouse Monoclonal Antibody

Mouse monoclonal antibody

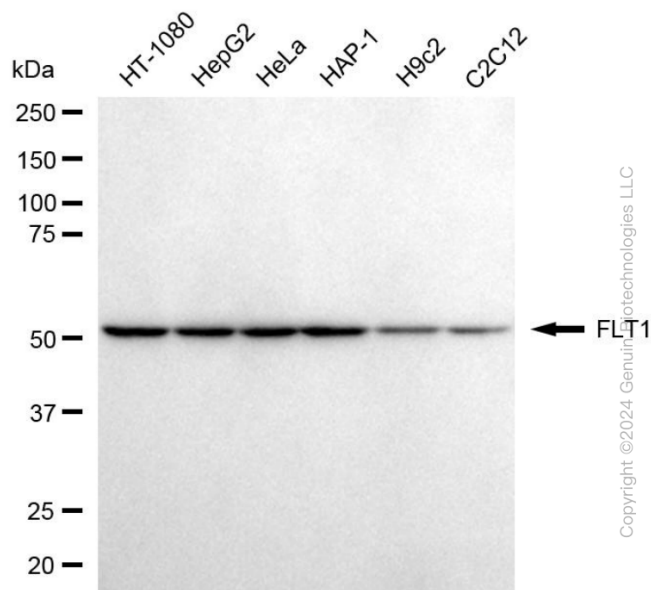
ABG1992

Product Overview

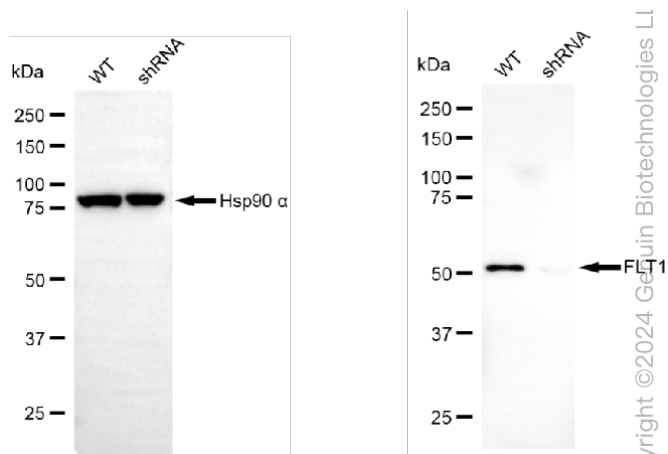
Name	KD-Validated Anti-FLT1 Mouse Monoclonal Antibody
Accession(Primary)	P17948
Host Species	Mouse
Clonality	Monoclonal
Immunogen	Recombinant protein of human VEGFR1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 151 kDa, observed, 53 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000Immunocytochemistry (IC): 1:100-1:1,000

Target information (P17948)

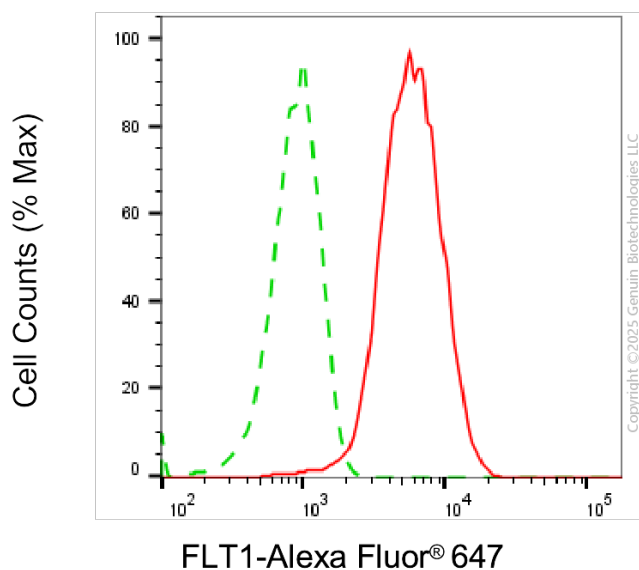
Gene Name	FLT1
About Gene Symbol	FLT1 (Fms Related Receptor Tyrosine Kinase 1) is a receptor tyrosine kinase involved in angiogenesis. It is an important research target in immunology, inflammation, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



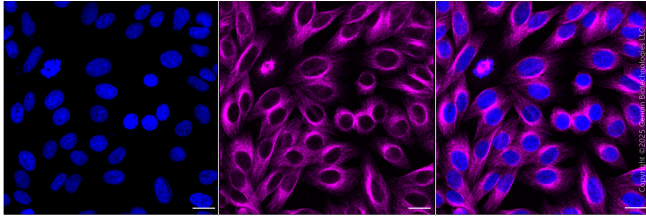
Western blotting analysis using anti-FLT1 antibody (Cat#ABG1992). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-FLT1 antibody (Cat#ABG1992, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Western blotting analysis using anti-FLT1 antibody (Cat#ABG1992). FLT1 expression in wild-type (WT) and FLT1 shRNA knockdown (KD) HT-1080 cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-FLT1 antibody (Cat#ABG1992, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Flow cytometric analysis of FLT1 expression in HepG2 cells using anti-FLT1 antibody (Cat#ABG1992, 1:2,000). Green, isotype control; red, FLT1.



Immunocytochemical staining of HepG2 cells with anti-FLT1 antibody (Cat#ABG1992, 1:1,000). Nuclei were stained blue with DAPI; FLT1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar, 20 μ m.