

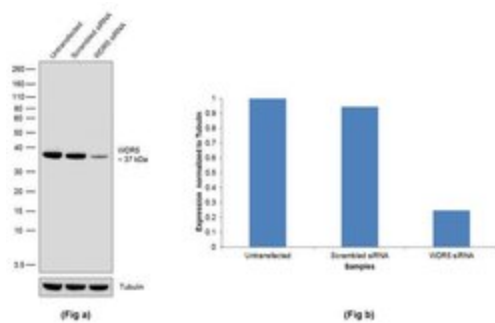
WDR5 Recombinant Rabbit Monoclonal Antibody (9H25L13)

Product Details	
Size	100 µg
Species Reactivity	Human, Rat
Host/Isotope	Rabbit / IgG
Class	Recombinant Monoclonal
Type	Antibody
Clone	9H25L13
Conjugate	Unconjugated
Immunogen	Protein corresponding to human WDR5 [aa1-aa121]
Form	Liquid
Concentration	0.5 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.4
Contains	0.09% sodium azide
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2848236

Applications	Tested Dilution	Publications
ChIP assay (ChIP)	2.5ug/million	-
Immunocytochemistry (ICC)	1:100	-
Immunofluorescence (IF)	1:100	-
Western Blot (WB)	1:5000	-

Product Specific Information

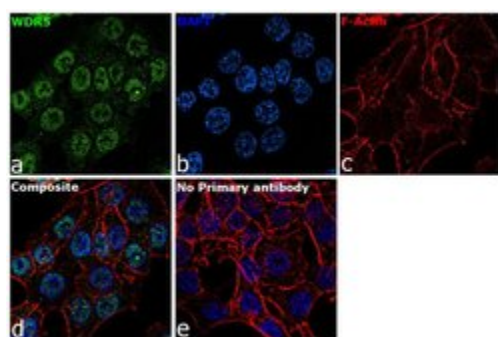
This antibody is predicted to react with Mouse, Bovine



WDR5 Antibody (703745)

Antibody specificity was demonstrated by siRNA mediated knockdown of the target protein. HCT 116 cells were transfected with WDR5 siRNA and decrease in signal intensity was observed in western blot application using Anti-WDR5 Recombinant Rabbit Monoclonal Antibody (Product # 703475). Knockdown validation info.

Product Images For WDR5 Recombinant Rabbit Monoclonal Antibody (9H25L13)

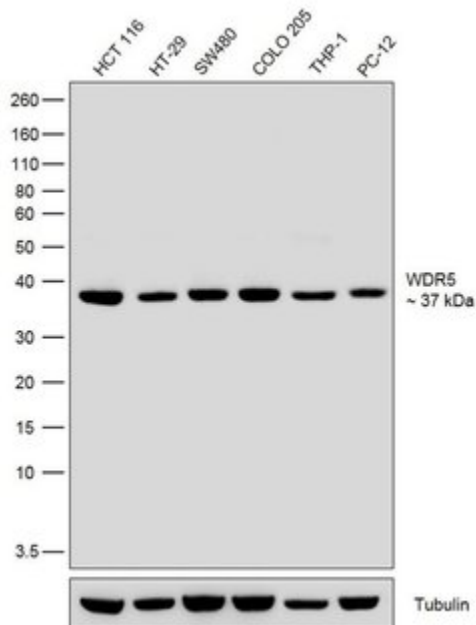


WDR5 Antibody (703745) in IF

For immunofluorescence analysis, HCT 116 cells were fixed and permeabilized for detection of endogenous WDR5 using Anti-WDR5 Recombinant Rabbit Monoclonal Antibody (Product # 703475, 1:100 dilution) and labeled with Goat anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor Plus 488 (Product # A32731, 1:2000). Panel a) shows representative cells that were stained for detection and localization of WDR5 protein (green), Panel b) is stained for nuclei (blue) using ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). Panel c) represents cytoskeletal F-actin staining using Rhodamine Phalloidin (Product # R415, 1:300). Panel d) is a composite image of Panels a, b and c clearly demonstrating nuclear localization of WDR5. Panel e) represents control cells with no primary antibody to assess background. The images were captured at 60X magnification.

WDR5 Antibody (703745) in WB

Western blot was performed using Anti-WDR5 Recombinant Rabbit Monoclonal Antibody (Product # 703475) and a 37 kDa band corresponding to WDR5 was observed across the cell lines tested. Modified whole cell extracts (1% SDS) (30 µg lysate) of HCT 116 (Lane 1), HT-29 (Lane 2), SW480 (Lane 3), COLO 205 (Lane 4), THP-1 (Lane 5) and PC-12 (Lane 6) were electrophoresed using Novex® NuPAGE® 10 % Bis-Tris gel (Product # NP0302BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:5000 dilution) and detected by chemiluminescence Goat Anti-Rabbit IgG (H+L) Superclonal™ Secondary Antibody, HRP conjugate (Product # A27036, 1:5000 dilution). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005).



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