

Anti-WDR5 Antibody (8X745)

Product Details

Ig Type:	IgG
Reactivity:	Human,Rat
Molecular Weight:	Theoretical: 37 kDa. Actual: 36 kDa.
Clone:	8X745
Purification:	Protein A purified

Applications

Verified Activity:	<p>1. Western blot analysis of HeLa cell lysate. Using WDR5 (TMAB-14168) monoclonal antibody at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.</p> <p>2. The HeLa (H) cells were fixed with 4% PFA (10 min at r. T.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5% BSA to block non-specific protein-protein interactions (30 min at r. T.), followed by secondary antibody incubation for 40 min at room temperature. Primary Antibody (green): Rabbit Anti-WDR5 antibody (TMAB-14168, 1:100); Isotype Control (orange): Rabbit IgG. Blank control (black): PBS. Acquisition of 20,000 events was performed.</p>
Application:	IHC-P,IHC-F,FCM,IF
Recommended	IHC-P=1:100-500,IHC-F=1:100-500,FCM=1:50-100,IF=1:100-500

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: human WDR5
Antigen Species:	Human
Gene ID:	11091
Uniprot ID:	P61964

Research Background

Contributes to histone modification. May position the N-terminus of histone H3 for efficient trimethylation at 'Lys-4'. As part of the MLL1/MLL complex it is involved in methylation and dimethylation at 'Lys-4' of histone H3. H3 'Lys-4' methylation represents a specific tag for epigenetic transcriptional activation.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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