

Product Datasheet

Anti-WDR5 [RAB-C223] (orb1089954)

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| Catalog Number | orb1089954 |
| Category | Antibodies |
| Description | Rabbit polyclonal antibody to WDR5 |
| Target | WDR5 |
| Clonality | Monoclonal |
| Species/Host | Human |
| Isotype | Human IgG |
| Conjugation | Unconjugated |
| Reactivity | Human |
| Concentration | 1 mg/ml |
| Buffer/Preservatives | PBS with 0.02% Proclin 300. |
| Purity | Purified |
| Immunogen | This antibody was obtained by recombinant antibody (rAb) phage display recognizing WDR5 protein under non-denaturing conditions. |
| UniProt ID | P61964 |
| Tested applications | ChIP, ELISA, FC, IF, IP |
| Specificity | This antibody recognizes WDR5 (WD repeat-containing protein 5). It binds to a folded domain, amino acids 1-334. WDR5 is a protein that is involved in histone modification. |

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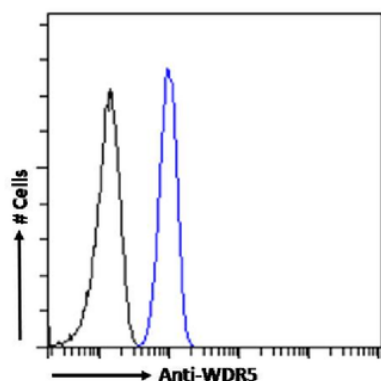
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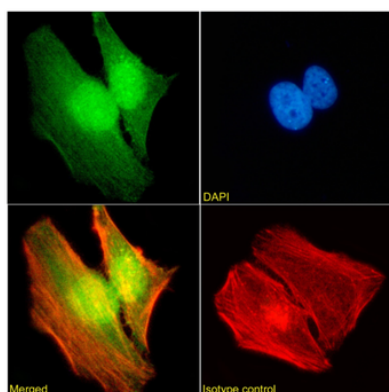
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|------------------------|---|
| Clone Number | RAB-C223 |
| Storage | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Note | For research use only |
| Expiration Date | 12 months from date of receipt. |



Flow cytometry using the Anti-WDR5 antibody RAB-C223. Paraformaldehyde fixed HeLa cells permeabilized with 0.5% Triton were stained with anti-unknown specificity antibody (orb256458; isotype control, black line) or the rabbit IgG version of RAB-C223 (orb1089954, blue line) at a dilution of 1:100 for 1h at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG AlexaFluor® 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.



Immunofluorescence staining of HeLa cells with anti-WDR5 RAB-C223. Immunofluorescence analysis of paraformaldehyde fixed HeLa cells permeabilized with 0.15% Triton stained with the chimeric rabbit IgG version of RAB-C223 (orb1089954) (1:100 dilution) for 1h followed by Alexa Fluor® 488 secondary antibody (1:1500 dilution), showing nuclear and cytoplasmic staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Panels show from left-right, top-bottom orb1089954, DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody (orb256458) followed by staining with Alexa Fluor® 488 secondary antibody.

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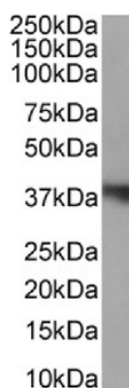
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Western Blot using anti-WDR5 antibody RAB-C223. Nuclear lysate of MCF7 cells (35 μ g protein in RIPA buffer) were resolved on a SDS PAGE gel and blots were probed with the chimeric rabbit version of RAB-C223 (orb1089954) at 1 μ g/ml before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.

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