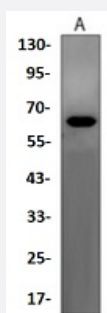


RecomAb™

# WDR1 recombinant monoclonal antibody

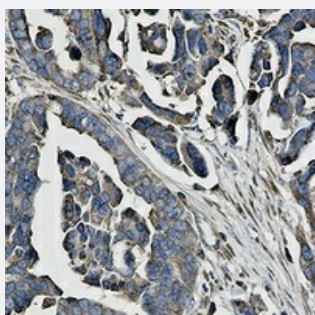
Catalog # RAB02558      Size 100 uL

## Applications



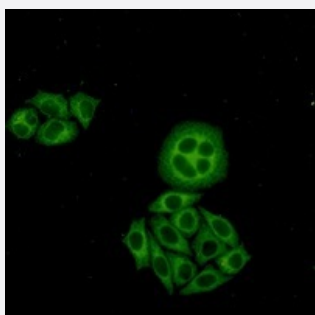
### Western Blot (Cell lysate)

Western blot analysis of Jurkat (A) whole cell lysates with WDR1 recombinant monoclonal antibody (Cat # RAB02558).



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of human cholangiocarcinoma formalin fixed paraffin embedded tissue section using WDR1 recombinant monoclonal antibody (Cat # RAB02558). The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.46). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



### Immunofluorescence

Immunofluorescent analysis of HeLa cells with WDR1 recombinant monoclonal antibody (Cat # RAB02558). Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.

## Specification

<b>Product Description</b>	Rabbit recombinant monoclonal antibody raised against human WDR1.
<b>Antibody Species</b>	Rabbit
<b>Immunogen</b>	Original antibody is raised against a synthetic peptide of human WDR1.
<b>Theoretical MW (kDa)</b>	66
<b>Reactivity</b>	Human
<b>Specificity</b>	Recognizes endogenous levels of WDR1 protein.
<b>Form</b>	Liquid
<b>Purification</b>	Immunogen affinity chromatography
<b>Isotype</b>	IgG
<b>Recommend Usage</b>	Immunocytochemistry (1:50-1:100) Immunofluorescence (1:50-1:100) Immunohistochemistry (1:50-1:100) Western Blot (1:500-1:1000)
<b>Storage Buffer</b>	In 50mM Tris-Glycine, pH 7.4 (0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA)
<b>Storage Instruction</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

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- Immunofluorescence

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## Gene Info — WDR1

**Entrez GeneID** [9948](#)

**Protein Accession#** [O75083](#)

**Gene Name** WDR1

**Gene Alias** AIP1, NORI-1

**Gene Description** WD repeat domain 1

**Omim ID** [604734](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** This gene encodes a protein containing 9 WD repeats. WD repeats are approximately 30- to 40-amino acid domains containing several conserved residues, mostly including a trp-asp at the C-terminal end. WD domains are involved in protein-protein interactions. The encoded protein may help induce the disassembly of actin filaments. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations** WD repeat-containing protein 1|actin interacting protein 1