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**Product Name: UFD1L Mouse Monoclonal Antibody****Catalog #: AMM81717**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,IHC,ICC,ELISA,FC
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG2b
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
<b>Molecular Weight</b>	34.5kDa

**Antigen Information**

<b>Gene Name</b>	UFD1L
<b>Alternative Names</b>	UFD1
<b>Gene ID</b>	7353.0
<b>SwissProt ID</b>	Q92890
<b>Immunogen</b>	Purified recombinant fragment of human UFD1L (AA: 208-307) expressed in E. Coli.

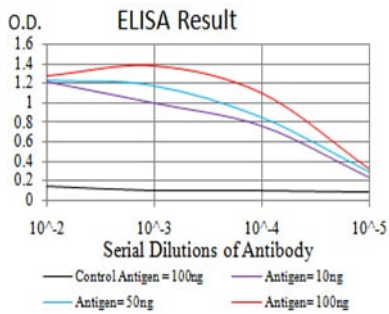
**Background**

The protein encoded by this gene forms a complex with two other proteins, nuclear protein localization-4 and valosin-containing protein, and this complex is necessary for the degradation of ubiquitinated proteins. In addition, this complex controls the disassembly of the mitotic spindle and the formation of a closed nuclear envelope after mitosis. Mutations in this

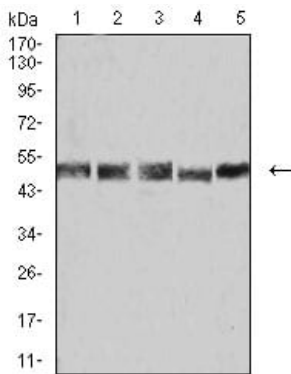
gene have been associated with Catch 22 syndrome as well as cardiac and craniofacial defects. Alternative splicing results in multiple transcript variants encoding different isoforms. A related pseudogene has been identified on chromosome 18.

## Research Area

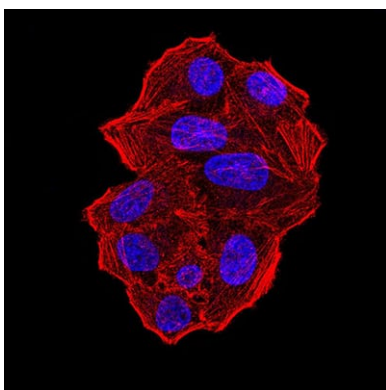
## Image Data



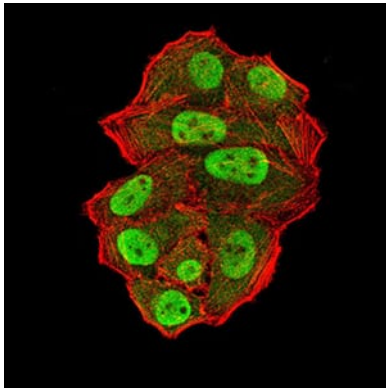
Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



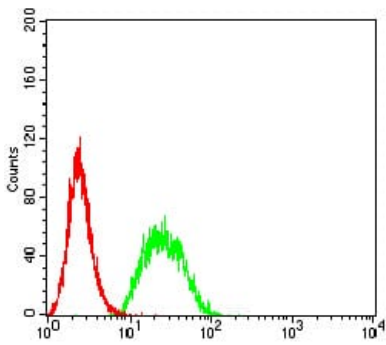
Western blot analysis using UFD1L mouse mAb against K562 (1), HeLa (2), A431 (3), PC-2 (4), and A549 (5) cell lysate.



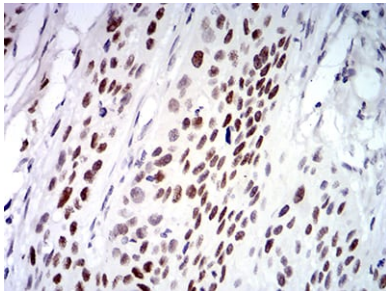
Immunofluorescence analysis of HeLa cells using UFD1L mouse mAb. Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



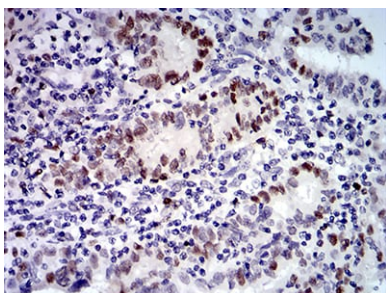
Immunofluorescence analysis of HeLa cells using UFD1L mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Flow cytometric analysis of HeLa cells using UFD1L mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human esophageal cancer tissues using UFD1L mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissues using UFD1L mouse mAb with DAB staining.