

## Anti-Ubiquitin/Ub Rabbit pAb



WLH3822

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti-Ubiquitin/Ub Rabbit pAb	
<b>Source</b>	Rabbit	
<b>Species reactivity</b>	Human, Mouse, Rat	
<b>Tested applications</b>	Immunohistochemistry	1:100-1:400
	Immunofluorescence	1:100-1:400

*\*Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.*

<b>Pack size</b>	50/100/200/500/1000µl
<b>Storage</b>	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>
<b>Storage buffer</b>	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide

## General Information

**Background** Ubiquitin is a conserved polypeptide unit that plays an important role in the ubiquitin-proteasome pathway. The primary function of ubiquitin is to clear abnormal, foreign and improperly folded proteins by targeting them for degradation by the 26S proteasome. This small, 76 amino acid protein can be covalently attached to cellular proteins via an isopeptide linkage between the carboxy terminal group of ubiquitin and lysine amino groups on the acceptor protein. Several proteins such as IκB, p53, cdc25A, and Bcl-2 have been shown to be targets for the ubiquitin-proteasome process as part of regulation of cell cycle progression, differentiation, cell stress response, and apoptosis.

**Immunogen** Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Ubiquitin/Ub.

**Purification** Polyclonal antibody was purified by Protein A affinity chromatography.

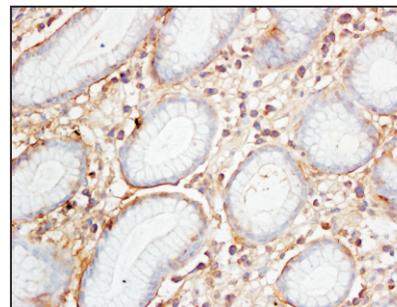
## Anti-Ubiquitin/Ub Rabbit pAb



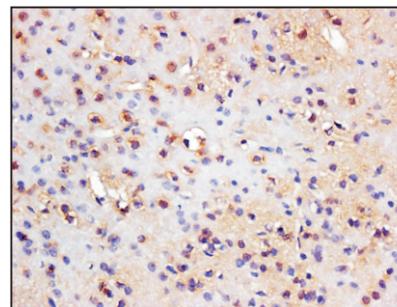
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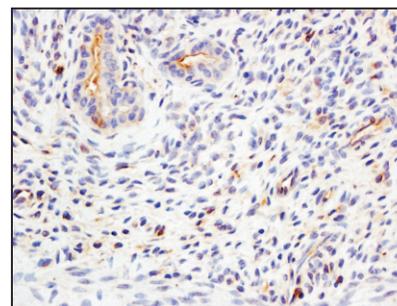
## Product Images

**Immunohistochemistry-Anti-Ubiquitin/Ub pAb**

**Sample:** Human stomach cancer tissue  
**Antigen retrieval:** pH 9.0 Tris-EDTA buffer  
**Primary antibody:** 1:100, 4°C, overnight  
**Secondary antibody-Biotin:** 1:150, 37°C, 1h  
**Streptavidin-HRP:** 1:200, 37°C, 30min  
**Color Developing:** DAB

**Immunohistochemistry-Anti-Ubiquitin/Ub pAb**

**Sample:** Rat brain tissue  
**Antigen retrieval:** pH 9.0 Tris-EDTA buffer  
**Primary antibody:** 1:100, 4°C, overnight  
**Secondary antibody-Biotin:** 1:150, 37°C, 1h  
**Streptavidin-HRP:** 1:200, 37°C, 30min  
**Color Developing:** DAB

**Immunohistochemistry-Anti-Ubiquitin/Ub pAb**

**Sample:** Rat uterus tissue  
**Antigen retrieval:** pH 9.0 Tris-EDTA buffer  
**Primary antibody:** 1:100, 4°C, overnight  
**Secondary antibody-Biotin:** 1:150, 37°C, 1h  
**Streptavidin-HRP:** 1:200, 37°C, 30min  
**Color Developing:** DAB

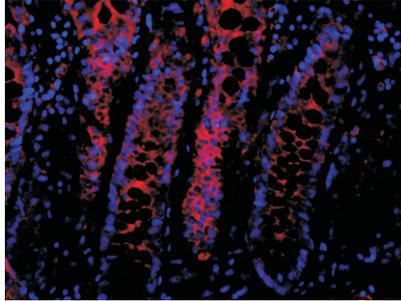
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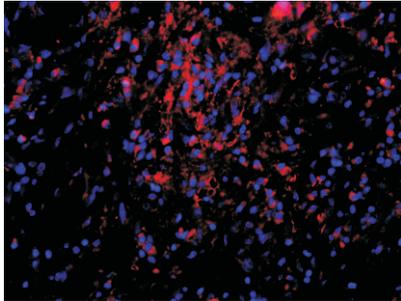
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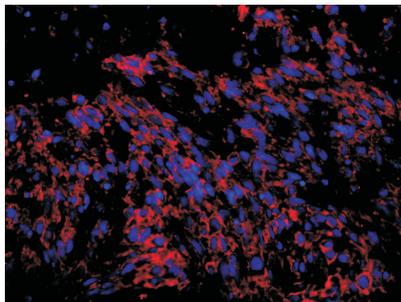
#### Immunofluorescence-Anti-Ubiquitin/Ub pAb

**Sample:** Human colon cancer tissue  
**Primary antibody:** 1:200, 4°C, overnight  
**Secondary antibody-CY3:** 1:200, at room temperature, 1h



#### Immunofluorescence-Anti-Ubiquitin/Ub pAb

**Sample:** Human lung cancer tissue  
**Primary antibody:** 1:200, 4°C, overnight  
**Secondary antibody-CY3:** 1:200, at room temperature, 1h



#### Immunofluorescence-Anti-Ubiquitin/Ub pAb

**Sample:** Human brain glioma tissue  
**Primary antibody:** 1:200, 4°C, overnight  
**Secondary antibody-CY3:** 1:200, at room temperature, 1h

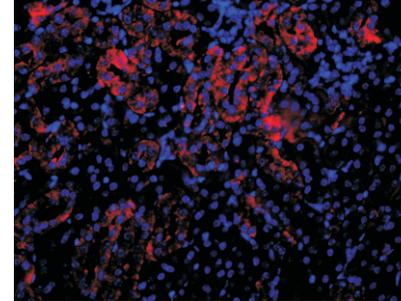
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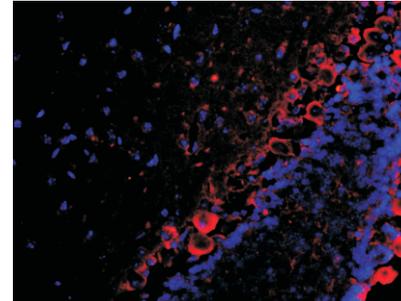
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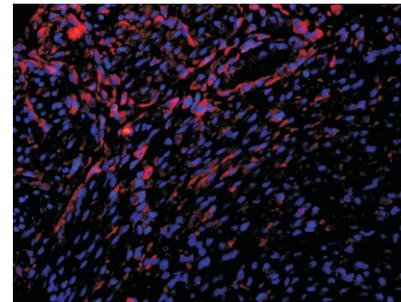
#### Immunofluorescence-Anti-Ubiquitin/Ub pAb

**Sample:** Mouse kidney tissue  
**Primary antibody:** 1:200, 4°C, overnight  
**Secondary antibody-CY3:** 1:200, at room temperature, 1h



#### Immunofluorescence-Anti-Ubiquitin/Ub pAb

**Sample:** Mouse cerebellum tissue  
**Primary antibody:** 1:200, 4°C, overnight  
**Secondary antibody-CY3:** 1:200, at room temperature, 1h



#### Immunofluorescence-Anti-Ubiquitin/Ub pAb

**Sample:** Rat uterus tissue  
**Primary antibody:** 1:200, 4°C, overnight  
**Secondary antibody-CY3:** 1:200, at room temperature, 1h