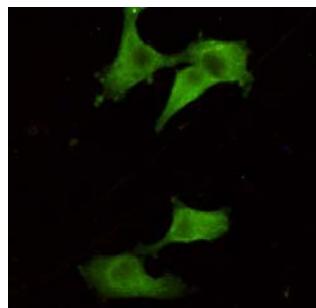




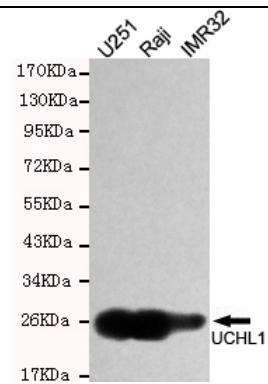
## UCHL1 Antibody

E2200767

**Catalog Number:** E2200767**Size:** 100ug**Host:** Mouse**Formulation:** Purified mouse monoclonal in PBS(pH 7.4)containing with 0.2% sodium azide,50% glycerol,0.1%BSA.**Sensitivity:** This antibody detects endogenous levels of UCHL1 and does not cross-react with related proteins.**Entrez summary:** The protein encoded by this gene belongs to the peptidase C12 family. This enzyme is a thiol protease that hydrolyzes a peptide bond at the C-terminal glycine of ubiquitin. This gene is specifically expressed in the neurons and in cells of the diffuse neuroendocrine system. Mutations in this gene may be associated with Parkinson disease.**UniPort summary**  
**Function:** Ubiquitin-protein hydrolase involved both in the processing of ubiquitin precursors and of ubiquitinated proteins. This enzyme is a thiol protease that recognizes and hydrolyzes a peptide bond at the C-terminal glycine of ubiquitin. Also binds to free monoubiquitin and may prevent its degradation in lysosomes. The homodimer may have ATP-independent ubiquitin ligase activity**Immunogen:** Purified recombinant human UCHL1. protein fragments expressed in E.coli.**Antibody Type:** Monoclonal antibody**Isotype:** IgG2b**Purified method:** Affinity purified**Subcellular location:** Cytoplasm**Reactivity:** H**Applications:** WB,ICC**Molecular Weight:** 25kDa**UniProt number:** P09936**GeneBank ID:** NM\_004181**Gene symbol:** PARK5; PGP95; PGP9.5; Uch-L1; PGP 9.5**Alternate names:** Neuron cytoplasmic protein 9.5; PGP 9.5; Ubiquitin thioesterase L1



Immunocytochemistry stain of COS7 using UCHL1 antibody (1:300).



Western blot detection of UCHL1 in U251, Raji & IMR32 cell lysates and using UCHL1 antibody (1:1000 diluted). Predicted band size: 25KDa Observed band size: 25KDa.