

## Product datasheet for **TA814137S**

### PGP9.5 (UCHL1) Mouse Monoclonal Antibody [Clone ID: OT18A1]

#### Product data:

|                         |  |
|-------------------------|--|
| Product Type:           | Primary Antibodies   |
| Clone Name:             | OT18A1   |
| Applications:           | ELISA  |
| Recommended Dilution:   | ELISA 1:5000-10000   |
| Reactivity:             | Human  |
| Host:                   | Mouse  |
| Isotype:                | IgG1   |
| Clonality:              | Monoclonal   |
| Immunogen:              | Full length human recombinant protein of human UCHL1 (NP_004172) produced in E.coli.   |
| Formulation:            | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.   |
| Concentration:          | 1 mg/ml  |
| Purification:           | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)  |
| Conjugation:            | Unconjugated   |
| Predicted Protein Size: | 24.8 kDa   |
| Gene Name:              | ubiquitin C-terminal hydrolase L1  |
| Database Link:          | <a href="#">NP_004172</a><br><a href="#">Entrez Gene 7345 Human</a><br><a href="#">P09936</a>  |
| Background:             | 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. [provided by RefSeq, Sep 2009] |
| Synonyms:               | HEL-117; HEL-S-53; NDGOA; PARK5; PGP 9.5; PGP9.5; PGP95; SPG79; Uch-L1   |
| Protein Families:       | Druggable Genome, Protease   |
| Protein Pathways:       | Parkinson's disease  |



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