

## Product datasheet for **CF814131**

### PGP9.5 (UCHL1) Mouse Monoclonal Antibody [Clone ID: OTI8G5]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI8G5
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:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
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> <a href="#">Entrez Gene 7345 Human</a> <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



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**Protein Families:** Druggable Genome, Protease

**Protein Pathways:** Parkinson's disease