

Product datasheet for **TA600568**

PGP9.5 (UCHL1) Mouse Monoclonal Capture Antibody [Clone ID: OTI8E3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI8E3
Applications:	ELISA
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:	0.5mg/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:	NP_004172 Entrez Gene 7345 Human P09936
Background:	Ubiquitin carboxy-terminal hydrolase L1 (UCHL1) is a deubiquitinating enzyme. Expression of UCHL1 is highly specific to neurons and to cells of the diffuse neuroendocrine system and their tumors. It is abundantly present in all neurons, expressed specifically in neurons and testis/ovary. UCHL1 has been proposed as a candidate biomarker for brain injury. Baseline levels of the biomarker UCHL1 measured in cerebral spinal fluid (CSF) are predictive of long-term multiple sclerosis (MS) progression. Recent studies have demonstrated that UCHL1 could be a potential biomarker for multiple sclerosis, amyotrophic lateral sclerosis, Alzheimer's disease, aggressive multiple myeloma and for discriminating the Parkinson's disease.
Synonyms:	HEL-117; HEL-S-53; NDGOA; PARK5; PGP 9.5; PGP9.5; PGP95; SPG79; Uch-L1



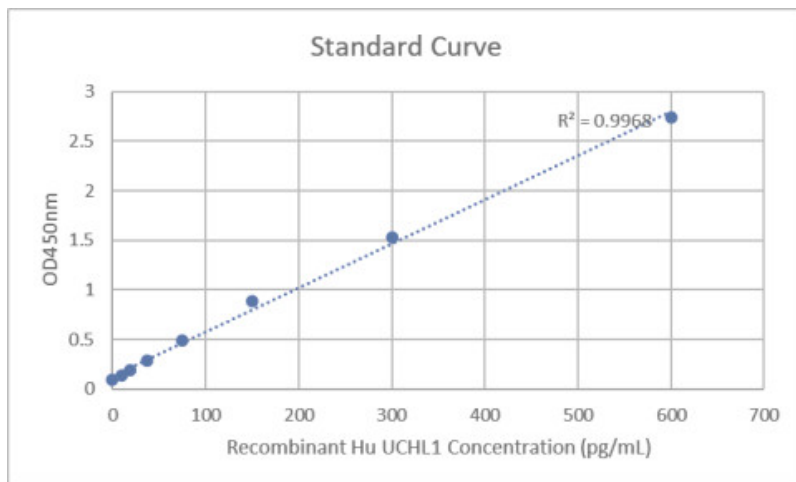
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Matched ELISA Pair: TA700568

Protein Families: Druggable Genome, Protease

Protein Pathways: Parkinson's disease

Product images:



UCHL1 ELISA with 8E3 Capture (TA600568) and 2F11 Detection ([TA700568]) Antibodies. Standard protein used: Recombinant Human UCHL1 (E. Coli expressed protein Cat# [TP762360])