

**PRODUCT INFORMATION**

<b>Clone ID</b>	2A4
<b>Target</b>	UCHL1
<b>Synonyms</b>	HEL-117; HEL-S-53; NDGOA; PARK5; PGP 9.5; PGP9.5; PGP95; SPG79; Uch-L1
<b>Host Species</b>	Rabbit
<b>Description</b>	Anti-UCHL1 antibody(2A4), Rabbit mAb
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	P09936
<b>IgG type</b>	Rabbit IgG
<b>Clonality</b>	Monoclonal
<b>Reactivity</b>	Human
<b>Applications</b>	ELISA; WB
<b>Recommended Dilutions</b>	ELISA 1:5000-10000; WB 1:1000
<b>Purification</b>	Purified from cell culture supernatant by affinity chromatography
<b>Formulation &amp; Reconstitution</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Storage &amp; Shipping</b>	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
<b>Background</b>	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]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated
<b>DIMA Disclaimer</b>	All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are actively scrutinizing all patent application to ensure no IP infringement.



## Anti-UCHL1 (2A4) mAb ELISA

0.1  $\mu$ g of Human UCHL1, hFc tagged protein per well

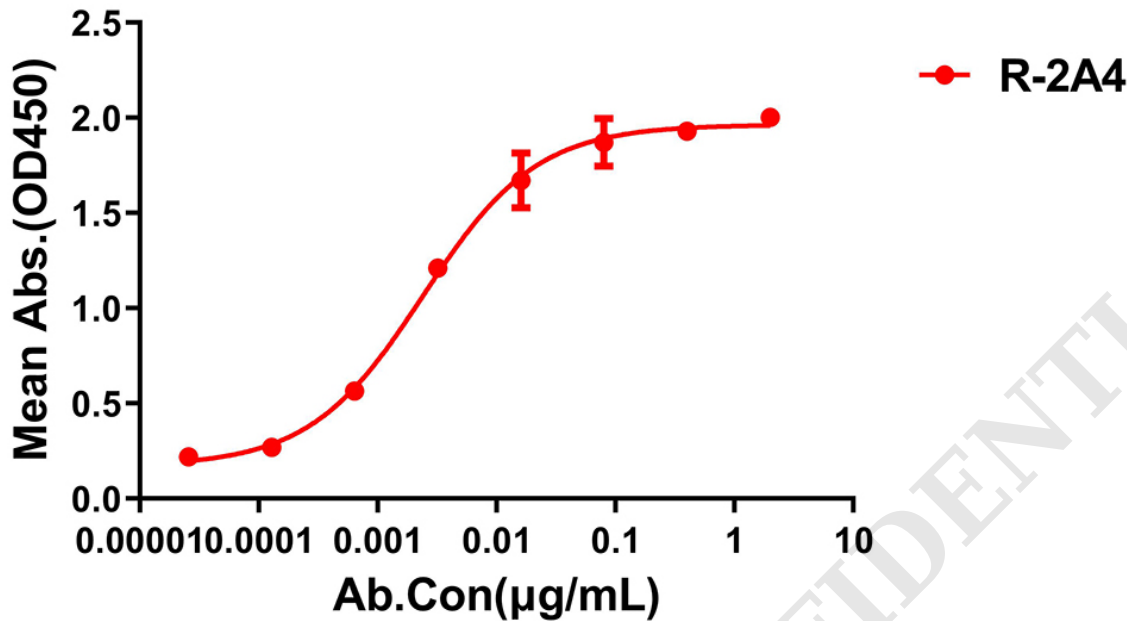


Figure 1. ELISA plate pre-coated by 1  $\mu$ g/ml (100  $\mu$ l/well) Human UCHL1 protein, hFc tagged protein (PME100629) can bind Rabbit anti-UCHL1 monoclonal antibody(clone: 2A4) in a linear range of 1-20 ng/ml.

250 kDa-

130 kDa-

100 kDa-

70 kDa-

55 kDa-

35 kDa-

25 kDa-

15 kDa-



Figure 2. Anti-UCHL1 antibody (SKU# DME100843) at 1/1000 dilution

Lane : RAJI(human Burkitt's lymphoma B lymphocyte), whole cell lysate

Secondary : Goat Anti-Rabbit IgG H&L (HRP) at 1/5000 dilution

band size: 24 kDa

