

ARG54111 anti-UCHL1 / PGP9.5 antibody

Package: 100 µl
Store at: -20°C

Summary

| | |
|---------------------|--|
| Product Description | Mouse Monoclonal antibody recognizes UCHL1 |
| Tested Reactivity | Hu, Mk |
| Tested Application | ICC/IF, WB |
| Host | Mouse |
| Clonality | Monoclonal |
| Isotype | IgG2b |
| Target Name | UCHL1 / PGP9.5 |
| Species | Human |
| Immunogen | Purified recombinant human UCHL1 / PGP9.5 protein fragments expressed in E.coli. |
| Conjugation | Un-conjugated |
| Alternate Names | PGP95; UCH-L1; PGP9.5; PARK5; Ubiquitin thioesterase L1; HEL-117; Neuron cytoplasmic protein 9.5; Uch-L1; EC 6.-.-.-; PGP 9.5; Ubiquitin carboxyl-terminal hydrolase isozyme L1; NDGOA; EC 3.4.19.12 |

Application Instructions

| | | |
|-------------------|--|----------|
| Application table | Application | Dilution |
| | ICC/IF | 1:300 |
| | WB | 1:1000 |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |
| Observed Size | 25 kDa | |

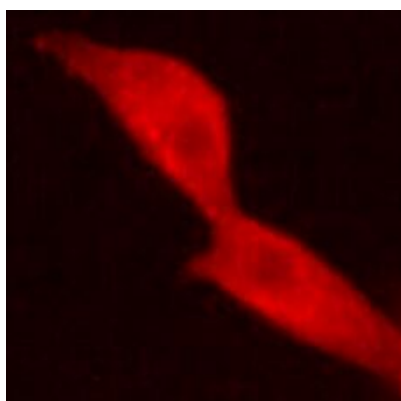
Properties

| | |
|---------------------|---|
| Form | Liquid |
| Purification | Affinity purified |
| Buffer | 0.1M Tris-Glycine (pH 7.4), 150 mM NaCl, 0.2% Sodium azide and 50% Glycerol |
| Preservative | 0.2% Sodium azide |
| Stabilizer | 50% Glycerol |
| Concentration | 1 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

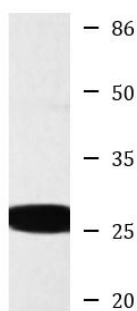
| | |
|-----------------------|---|
| Database links | GeneID: 7345 Human Swiss-port # P09936 Human |
| Gene Symbol | UCHL1 |
| Gene Full Name | ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase) |
| Background | Ubiquitin-protein hydrolase involved both in the processing of ubiquitin precursors and of ubiquitinated_x000D_ proteins. This enzyme is a thiol protease that recognizes and hydrolyzes a peptide bond at the C-terminal glycine of_x000D_ ubiquitin. Also binds to free monoubiquitin and may prevent its degradation in lysosomes. The homodimer may have_x000D_ ATP-independent ubiquitin ligase activity |
| 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. [UniProt] |
| Research Area | Cell Biology and Cellular Response antibody; Gene Regulation antibody; Neuroscience antibody |
| Calculated Mw | 25 kDa |
| PTM | O-glycosylated. |
| Cellular Localization | Cytoplasm |

Images



ARG54111 anti-UCHL1 / PGP9.5 antibody ICC/IF image

Immunofluorescence: COS7 cells stained with ARG54111 anti-UCHL1 / PGP9.5 antibody at 1:300 dilution.



Raji

ARG54111 anti-UCHL1 / PGP9.5 antibody WB image

Western blot: Raji cell lysate stained with ARG54111 anti-UCHL1 / PGP9.5 antibody at 1:1000 dilution.