

## USP22 recombinant antibody

USP22 Recombinant Monoclonal Antibody

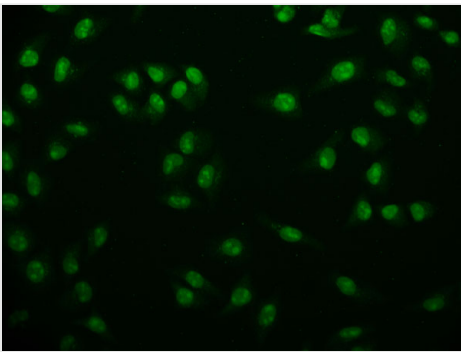
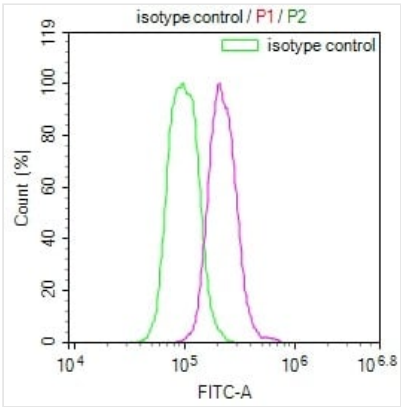
| CATALOG # | HOST         | REACTIVITY | APPLICATIONS                                                              |
|-----------|--------------|------------|---------------------------------------------------------------------------|
| AAA278960 | HEK293F Cell | Human      | Flow Cytometry, Functional Assay, Immunofluorescence, Western Blot, ELISA |

### PRODUCT SYNONYMS

USP22; Monoclonal Recombinant Antibody; USP22 Recombinant Monoclonal Antibody; Ubiquitin carboxyl-terminal hydrolase 22 (EC 3.4.19.12)(Deubiquitinating enzyme 22)(Ubiquitin thioesterase 22)(Ubiquitin-specific-processing protease 22); KIAA1063 USP3L; USP22 recombinant antibody

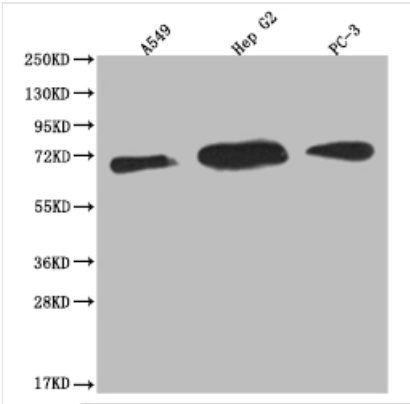
### PRODUCT SPECIFICATIONS

|                                                        |                                                                              |
|--------------------------------------------------------|------------------------------------------------------------------------------|
| Host                                                   | HEK293F Cell                                                                 |
| Reactivity                                             | Human                                                                        |
| Clonality                                              | Monoclonal                                                                   |
| Isotype                                                | Rabbit IgG                                                                   |
| Clone Number                                           | 18H6                                                                         |
| Purity/Purification                                    | Affinity purified                                                            |
| Form/Format                                            | Liquid; PBS, 150mM NaCl, 0.02% sodium azide, 50% glycerol, pH 7.4.           |
| Applicable Applications for USP22 recombinant antibody | FCM/FACS (Flow Cytometry), IF (Immunofluorescence), WB (Western Blot), ELISA |
| Immunogen Species                                      | Human                                                                        |
| Immunogen                                              | A synthesized peptide derived from Human USP22                               |
| Conjugation                                            | Non-conjugated                                                               |
| Research Area                                          | Epigenetics and Nuclear Signaling; Cell biology                              |
| Preparation and Storage                                | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.  |



**IF (Immunofluorescence)**  
Immunofluorescence staining of HeLa cell with AAA278960 at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 507-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).

**FCM/FACS (Flow Cytometry)**  
Overlay Peak curve showing HeLa cells stained with AAA278960 (red line) at 1:100. The cells were fixed in 4% formaldehyde and permeated by 0.2% TritonX-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1\*106cells) for 45min at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG(H+L) at 1:200 dilution for 35min at 4°C. Control antibody (green line) was rabbit IgG (1ug/1\*106cells) used under the same conditions. Acquisition of >10,000 events was performed.



**WB (Western Blot)**  
Western BlotPositive WB detected in: A549 whole cell lysate, HepG2 whole cell lysate, PC3 whole cell lysateAll lanes: USP22 antibody at 1:2000SecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 60, 59 kDaObserved band size: 55-72 kDa

ADDITIONAL INFORMATION

|                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for USP22 recombinant antibody</b> | Histone deubiquitinating component of the transcription regulatory histone acetylation (HAT) complex SAGA. Catalyzes the deubiquitination of both histones H2A and H2B, thereby acting as a coactivator. Recruited to specific gene promoters by activators such as MYC, where it is required for transcription. Required for nuclear receptor-mediated transactivation and cell cycle progression. {ECO:0000269 PubMed:18206972, ECO:0000269 PubMed:18206973, ECO:0000269 PubMed:18469533}. |
|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 78103328                                       |
| NCBI GeneID                      | 23326                                          |
| UniProt Accession #              | Q9UPT9; Q2NLE2; Q6MZY4; Q8TBS8; Q96IW5; A0JNS3 |
| Molecular Weight                 | 525                                            |
| NCBI Official Full Name          | Ubiquitin carboxyl-terminal hydrolase 22       |
| NCBI Official Synonym Full Names | ubiquitin specific peptidase 22                |

|                                      |                                                                                                                                                                                                                                                   |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>NCBI Official Symbol</b>          | USP22                                                                                                                                                                                                                                             |
| <b>NCBI Official Synonym Symbols</b> | USP3L                                                                                                                                                                                                                                             |
| <b>NCBI Protein Information</b>      | ubiquitin carboxyl-terminal hydrolase 22; ubiquitin thioesterase 22; deubiquitinating enzyme 22; ubiquitin thiolesterase 22; ubiquitin specific protease 22; ubiquitin-specific processing protease 22; ubiquitin-specific-processing protease 22 |
| <b>UniProt Protein Name</b>          | Ubiquitin carboxyl-terminal hydrolase 22                                                                                                                                                                                                          |
| <b>UniProt Gene Name</b>             | <b>USP22</b>                                                                                                                                                                                                                                      |
| <b>UniProt Synonym Gene Names</b>    | KIAA1063; USP3L                                                                                                                                                                                                                                   |
| <b>UniProt Entry Name</b>            | UBP22_HUMAN                                                                                                                                                                                                                                       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/usp22-recombinant-antibody-clone-18h6-flow-cytometry-immunofluorescence-western-blot-elisa/278960>