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Datasheet for ABIN563570

## anti-USP9X antibody (AA 1-90)

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### Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µg  |
| Target:              | USP9X   |
| Binding Specificity: | AA 1-90   |
| Reactivity:          | Human   |
| Host:                | Mouse   |
| Clonality:           | Monoclonal  |
| Conjugate:           | This USP9X antibody is un-conjugated                  |
| Application:         | ELISA, Western Blotting (WB), Immunofluorescence (IF) |

### Product Details

|                   |   |
|-------------------|---|
| Purpose:          | Mouse monoclonal antibody raised against a partial recombinant USP9X.   |
| Immunogen:        | USP9X (NP_068706, 1 a.a. ~ 90 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| Sequence:         | MTATTRGSPV GGNDNQQQAP DGQSQPPLQQ NQTSSPDSSN ENSPATPPDE QGQGDAPPQL<br>EDEEPAFPHT DLAKLDDMIN RPRWVVPVLP           |
| Clone:            | 1C4   |
| Isotype:          | IgG1  |
| Cross-Reactivity: | Human   |
| Characteristics:  | Antibody Reactive Against Recombinant Protein.  |

## Target Details

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|                   |   |
|-------------------|---|
| Target:           | USP9X   |
| Alternative Name: | USP9X ( <a href="#">USP9X Products</a> )  |
| Background:       | Full Gene Name: ubiquitin specific peptidase 9, X-linked<br>Synonyms: DFFRX,FAF,FAM |
| Gene ID:          | 8239  |
| NCBI Accession:   | <a href="#">NM_021906</a>   |

## Application Details

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|                    |  |
|--------------------|--|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions:      | For Research Use only  |

## Handling

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|                  |  |
|------------------|--|
| Buffer:          | In 1x PBS, pH 7.4  |
| Handling Advice: | Aliquot to avoid repeated freezing and thawing.                          |
| Storage:         | -20 °C   |
| Storage Comment: | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

## Publications

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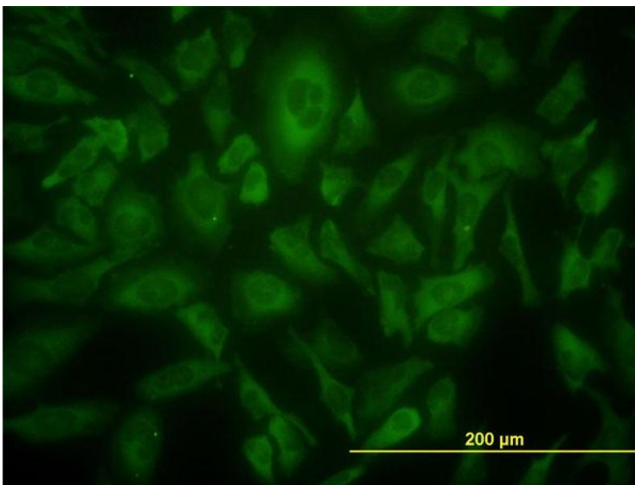
|                   |   |
|-------------------|---|
| Product cited in: | Kim, Kim, Park, Lee, Lim: "Role of Angiomotin-like 2 mono-ubiquitination on YAP inhibition." in: <b>EMBO reports</b> , Vol. 17, Issue 1, pp. 64-78, (2016) ( <a href="#">PubMed</a> ).  |
|                   | Wolfspurger, Hogh-Binder, Schittenhelm, Psaras, Ritter, Bornes, Huber, Jendrossek, Rudner: "Deubiquitylating enzyme USP9x regulates radiosensitivity in glioblastoma cells by Mcl-1-dependent and -independent mechanisms." in: <b>Cell death &amp; disease</b> , Vol. 7, pp. e2039, (2016) ( <a href="#">PubMed</a> ). |
|                   | Wang, Xie, Li, Owonikoko, Ramalingam, Khuri, Curran, Wang, Deng: "Role of Ku70 in deubiquitination of Mcl-1 and suppression of apoptosis." in: <b>Cell death and differentiation</b> , Vol. 21, Issue 7, pp. 1160-9, (2014) ( <a href="#">PubMed</a> ).   |
|                   | Mazumder, Choudhary, Al-Harbi, Almasan: "Mcl-1 Phosphorylation defines ABT-737 resistance that can be overcome by increased NOXA expression in leukemic B cells." in: <b>Cancer research</b> ,  |

Vol. 72, Issue 12, pp. 3069-79, (2012) ([PubMed](#)).

Trivigno, Essmann, Huber, Rudner: "Deubiquitinase USP9x confers radioresistance through stabilization of Mcl-1." in: **Neoplasia (New York, N.Y.)**, Vol. 14, Issue 10, pp. 893-904, (2012) ([PubMed](#)).

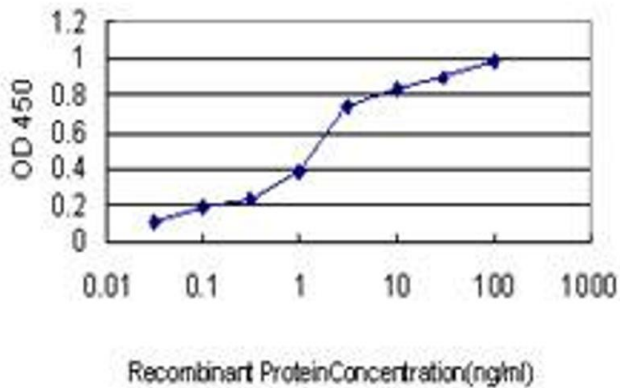
There are more publications referencing this product on: [Product page](#)

Images



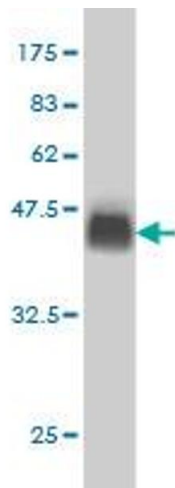
**Immunofluorescence**

**Image 1.** Immunofluorescence of monoclonal antibody to USP9X on HeLa cell. [antibody concentration 10 ug/ml]



**ELISA**

**Image 2.** Detection limit for recombinant GST tagged USP9X is approximately 0.1ng/ml as a capture antibody.



### Western Blotting

**Image 3.** Western Blot detection against Immunogen (35.64 KDa).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN563570.