

USP7 (C-terminus) monoclonal antibody

Catalog: MB0073

Host: Mouse

Reactivity: Human

BackGround:

Ubiquitinating enzymes (UBEs) catalyze protein ubiquitination, a reversible process countered by deubiquitinating enzyme (DUB) action. Five DUB subfamilies are recognized, including the USP, UCH, OTU, MJD and JAMM enzymes. Herpesvirus-associated ubiquitin-specific protease (HAUSP, USP7) is an important deubiquitinase belonging to USP subfamily. A key HAUSP function is to bind and deubiquitinate the p53 transcription factor and an associated regulator protein Mdm2, thereby stabilizing both proteins. In addition to regulating essential components of the p53 pathway, HAUSP also modifies other ubiquitylated proteins such as members of the FoxO family of forkhead transcription factors and the mitotic stress checkpoint protein CHFR.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

Predicted band size: 129KDa

Observed band size: 140KDa

Swiss-Prot:

Q93009

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:1000

ICC: 1:100~200

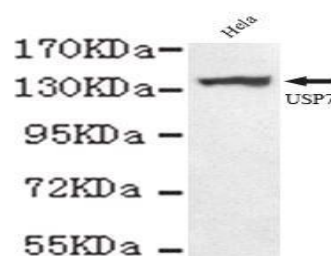
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

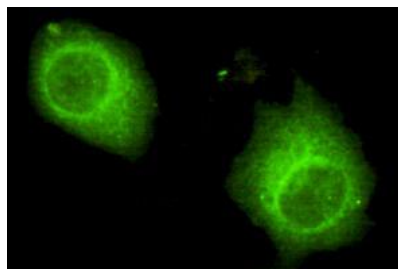
Specificity:

This antibody detects endogenous levels of USP7 (C-terminus) and does not cross-react with related proteins

DATA:



Western blot detection of USP7 (C-terminus) antibody in HeLa cell lysates using USP7 (C-terminus) antibody (1:1000 diluted).



Immunocytochemistry of HeLa cells using anti-USP7 (C-terminus) antibody diluted 1:150.

Note:

For research use only, not for use in diagnostic procedure.

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