

USP2 monoclonal antibody

Catalog: MB66738

Host: Mouse

Reactivity: Human, Monkey

BackGround:

The ubiquitin (Ub) pathway involves three sequential enzymatic steps that facilitate the conjugation of Ub and Ub-like molecules to specific protein substrates. Through the use of a wide range of enzymes that can add or remove Ub, the Ub pathway controls many intracellular processes such as signal transduction, transcriptional activation and cell cycle progression. USP2 (Ub specific peptidase 2), also known as 41 kDa Ub-specific protease, is a 605 amino acid deubiquitinating enzyme that participates in the Ub pathway. Localized to the cytoplasm, USP2 forms a homooligomer and catalyzes the reaction of the Ub C-terminal thioester with water to form Ub and a thiol. USP2 is expressed as two isoforms produced by alternative splicing.

Product:

Mouse IgG1 kappa. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~ 55 kDa

Swiss-Prot:

O75604

Purification&Purity:

This antibody is purified through a protein G column.

Applications:

WB (1/500 - 1/1000)

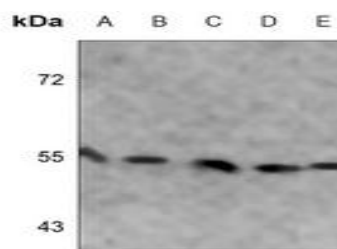
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of USP2 protein.

DATA:



Western blot analysis of USP2 expression in MCF7 (A), PC3 (B), COS7 (C), Du145 (D), SKBR3 (E) whole cell lysates.

Note:

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

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