

Mouse Monoclonal Antibody to HAUSP

Catalogue Number	sAP-0348
Target Molecule	Name: HAUSP Aliases: TEF1; HAUSP; USP7 MW: 128kDa Entrez Gene ID: 7874
Description	USP7 or HAUSP is a ubiquitin specific protease or a deubiquitylating enzyme that cleaves ubiquitin from its substrates. Since ubiquitylation (polyubiquitination) is most commonly associated with the stability and degradation of cellular proteins, HAUSP activity generally stabilizes its substrate proteins. HAUSP is most popularly known as a direct antagonist of Mdm2, the E3 ubiquitin ligase for the tumor suppressor protein, p53. Normally, p53 levels are kept low in part due to Mdm2-mediated ubiquitylation and degradation of p53. Interestingly, in response to oncogenic insults, HAUSP can deubiquitinate p53 and protect p53 from Mdm2-mediated degradation, indicating that it may possess a tumor suppressor function for the immediate stabilization of p53 in response to stress. Another important role of HAUSP function involves the oncogenic stabi-
Immunogen	Purified recombinant fragment of human HAUSP expressed in E. Coli. ; ;
Recitative Species	Human
Clone	MM5F11;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Cell Death Differ. 2007 Jul;14(7):1350-60. ; 2. Cancer Cell. 2007 Oct;12(4):342-54. ; 3. Blood. 2009 Apr 2;113(14):3264-75.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**