

USP7 Conjugated Antibody

Catalog No: #C49834



Package Size: #C49834-AF350 100ul #C49834-AF405 100ul #C49834-AF488 100ul
 #C49834-AF555 100ul #C49834-AF594 100ul #C49834-AF647 100ul
 #C49834-AF680 100ul #C49834-AF750 100ul #C49834-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	USP7 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein within human USP7 aa 100-200.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Deubiquitinating enzyme 7 antibody HAUSP antibody Herpes virus associated ubiquitin specific protease antibody Herpesvirus-associated ubiquitin-specific protease antibody TEF 1 antibody tef-1 antibody TEF1 antibody Ubiquitin carboxyl terminal hydrolase 7 antibody Ubiquitin carboxyl-terminal hydrolase 7 antibody Ubiquitin specific peptidase 7 (herpes virus associated) antibody Ubiquitin specific peptidase 7 antibody Ubiquitin specific peptidase 7 herpes virus associated antibody Ubiquitin specific processing protease 7 antibody Ubiquitin specific protease 7 (herpes virus associated) antibody Ubiquitin specific protease 7 antibody Ubiquitin specific protease 7 herpes virus associated antibody Ubiquitin thioesterase 7 antibody Ubiquitin thioesterase 7 antibody Ubiquitin-specific-processing protease 7 antibody UBP 7 antibody UBP-7 antibody UBP7 antibody UBP7_HUMAN antibody USP 7 antibody usp-7 antibody Usp7 antibody VMW110-ASSOCIATED PROTEIN, 135-KD antibody
Accession No.	Swiss-Prot#:Q93009
Uniprot	Q93009
GeneID	7874;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	128 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

HAUSP (herpesvirus-associated ubiquitin-specific protease, USP7) is a ubiquitin-specific protease. HAUSP localizes predominantly to the nucleus, in a TD-dependent manner, where it associates with ND10. ND10 are small nuclear structures implicated in a variety of cellular processes including response to stress and interferons, oncogenesis, and viral infection. HAUSP binds strongly to Vmw110, a herpesvirus regulatory protein which has the ability to disrupt ND10. HAUSP, a novel p53-interacting protein, functions to deubiquitinate p53 in an important pathway for p53 stabilization. HAUSP strongly stabilizes p53 even in the presence of excess Mdm2, and also induces p53-dependent cell growth repression and apoptosis. The HAUSP protein is distributed in the nucleus in a micropunctate pattern with a limited number of larger discrete foci, some of which co-localize with PML in ND10. The gene encoding HAUSP maps to human chromosome band 16p13.2.

Note: This product is for in vitro research use only