

USP1 mouse monoclonal antibody (hybridoma)

Catalog # H00007398-M

Size Up to 5 Clones

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant USP1.

Immunogen

USP1 (NP_003359.3, 1 a.a. ~ 785 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

MPGVIPSESNGLSRGSPSKKNRLSLKFFQKKETKRALDFTDSQENEEKASEYRASEIDQVVPAA
QSSPINCEKRENLLPFVGLNNLGNTCYLNSILQVLYFCPGFKSGVKHLFNIISRKKEALKDEANQKD
KGNCKEDSLASYELICSLQSLIISVEQLQASFLNPEKYTDELATQPRLLNLTRELNPMYEGYLQH
DAQEVLQCILGNIQETCQLLKKEEVKNVAELPTKVEEIPHPKEEMNGINSIEMDSMRHSEDFKEKL
PKGNGKRKSDTEFGNMKKVKLSKEHQSLREENQRQTRSKRKATSDTLESPPKIIPKYISENESPR
PSQKKSrvKINWLKSATKQPSILSKFCSLGKITTNQGVKGQSKENECDPEDLGKCESDNTTNGC
GLESPGNTVTPVNVNEVKPINKGEEQIGFELVEKLFQGQLVLRTRCLECESLTERREDFQDISVPV
QEDELskVEESSEISPEPKTEMKTLRWAI SQFASVERIVGEDKYFCENCHHYTEAERSLLFDKMP
EVITHLKCFAASGLEFDCYGGGLSKINTPLL TPLKLSLEEWSTKPTNDSYGLFAVVMHSGITISSGH
YTASVKVTDLNSLELDKGNFVVDQMCEIGKPEPLNEEEARGVVENYNDEEV SIRVGGNTQPSKVL
NKKNVEAIGLLGGQKSKADYELYNKASNPDK VASTAFAENRNSETSDTTGT HESDRNKESDQT
GINISGFENKISYVVQSLKEYEGKWLLFDDSEVKVTEEKDFLNSLSPSTSPTSTPYLLFYKKL

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (88); Rat (89)

Quality Control Testing

Antibody reactivity and specificity confirmed by ELISA and Western Blot.

Deliverables

Up to 5 positive hybridoma clones will be delivered to customer in the cryotube format.

Note

Customer should check the viability of the hybridomas within one month from the date of receipt. Fee -for-service of long term hybridoma storage can be performed upon customer's request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — USP1

Entrez GeneID [7398](#)

GeneBank Accession# [NM_003368.4](#)

Protein Accession# [NP_003359.3](#)

Gene Name USP1

Gene Alias UBP

Gene Description ubiquitin specific peptidase 1

Omim ID [603478](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the ubiquitin-specific processing (UBP) family of proteases that is a deubiquitinating enzyme (DUB) with His and Cys domains. This protein is located in the cytoplasm and cleaves the ubiquitin moiety from ubiquitin-fused precursors and ubiquitinated proteins. The protein specifically deubiquitinates a protein in the Fanconi anemia (FA) DNA repair pathway. Alternate transcriptional splice variants have been characterized. [provided by RefSeq]

Other Designations OTTHUMP00000010530|deubiquitinating enzyme 1|ubiquitin carboxyl terminal hydrolase 1|ubiquitin specific processing protease 1|ubiquitin specific protease 1|ubiquitin thiolesterase 1

Disease

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- [Ovarian cancer](#)
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