

USP46 mouse monoclonal antibody (hybridoma)

Catalog # H00064854-M

Size Up to 5 Clones

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant USP46.
Immunogen	USP46 (NP_073743.2, 1 a.a. ~ 366 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MTVRNIASICNMGTNASALEKDIGPEQFPINEHYFGLVNFNGNTCYCNSVLQALYFCRPFRENVLAYK AQKKKKENLLTCLADLFHSIATQKKKVGVIKKFISRLRKENDLFDNYMQQDAHEFLNYLLNTIADI LQEEKKQEKQNGKLKNGNMNEPAENNKPELTWVHEIFQGTLTNETRCLNCETVSSKDEDFLDLS VDVEQNTSITHCLRDFSNTETLCSEQKYCETCCSKQEAQKRMVKKLPMLALHLKRFKYMEQL HRYTKLSYRVVFPLELRLFNTSSDAVNLDRLMYDLVAVVVHCGSGPNRGHYTIVKSHGFWLLFDD DIVEKIDAQAIEEFYGLTSDISKNSESGYILFYQSRE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (100); Rat (99)
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 — USP46

Entrez GeneID [64854](#)

GeneBank Accession# [NM_022832.2](#)

Protein Accession# [NP_073743.2](#)

Gene Name USP46

Gene Alias FLJ11850, FLJ12552, FLJ14283, FLJ39393

Gene Description ubiquitin specific peptidase 46

Gene Ontology [Hyperlink](#)

Gene Summary Modification of cellular proteins by ubiquitin is an essential regulatory mechanism controlled by the coordinated action of multiple ubiquitin-conjugating and deubiquitinating enzymes. USP46 belongs to a large family of cysteine proteases that function as deubiquitinating enzymes (Quesada et al., 2004 [PubMed 14715245]).[supplied by OMIM]

Other Designations ubiquitin specific protease 46

Disease

- [Bipolar Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)