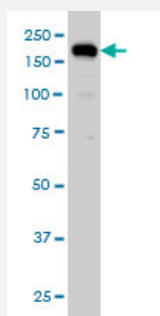


USP47 monoclonal antibody (M01), clone 5F9

Catalog # H00055031-M01

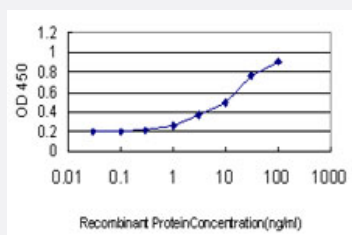
Size 100 ug

Applications



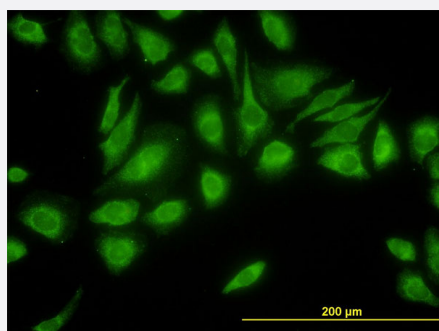
Western Blot (Cell lysate)

USP47 monoclonal antibody (M01), clone 5F9 Western Blot analysis of USP47 expression in HeLa (Cat # L013V1).



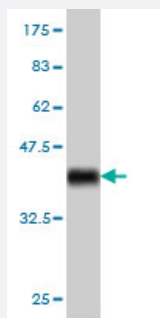
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged USP47 is approximately 0.3ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to USP47 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant USP47.
Immunogen	USP47 (NP_060414, 203 a.a. ~ 301 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	TEQADLINELYQGKLDYVRCLECGYEGWRIDTYLDIPLVIRPYGSSQAFASVEEALHAFIQPEILDGPNQYFCERCKKKCDARKGLRFLHFPYLLTLQ
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (92); Rat (93)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

USP47 monoclonal antibody (M01), clone 5F9 Western Blot analysis of USP47 expression in HeLa (Cat # L013V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged USP47 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to USP47 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — USP47

Entrez GeneID [55031](#)

GeneBank Accession# [NM_017944](#)

Protein Accession# [NP_060414](#)

Gene Name USP47

Gene Alias DKFZp686C13257, FLJ20727, TRFP

Gene Description ubiquitin specific peptidase 47

Gene Ontology [Hyperlink](#)

Other Designations Trf (TATA binding protein-related factor)-proximal homolog|ubiquitin specific protease 47

Publication Reference

- [USP47 and C Terminus of Hsp70-Interacting Protein \(CHIP\) Antagonistically Regulate Katanin-p60-Mediated Axonal Growth.](#)

Yang SW, Oh KH, Park E, Chang HM, Park JM, Seong MW, Ka SH, Song WK, Park DE, Baas PW, Jeon YJ, Chung CH.

The Journal of Neuroscience 2013 Jul; 33(31):12728.

Application: IP, WB-Tr, Human, Rat, HEK 293T cells, Rat hippocampal neurons

- [The ubiquitin-specific protease USP47 is a novel beta-TRCP interactor regulating cell survival.](#)

Peschiaroli A, Skaar JR, Pagano M, Melino G.

Oncogene 2010 Mar; 29(9):1384.

Application: WB-Ce, WB-Tr, Human, Mouse, MEFs, HEK 293T, HeLa cells, Lungs, U-2 OS cells