

Mouse Monoclonal Antibody to ZFP91
Purified Mouse Monoclonal Antibody
Catalog # AO2418a**Specification**

Mouse Monoclonal Antibody to ZFP91 - Product Information

Application	E, WB, FC, ICC
Primary Accession	Q96JP5
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Calculated MW	63.4kDa KDa

Description

The protein encoded by this gene is a member of the zinc finger family of proteins. The gene product contains C2H2-type domains, which are the classical zinc finger domains found in numerous nucleic acid-binding proteins. This protein functions as a regulator of the non-canonical NF-kappaB pathway in lymphotoxin-beta receptor signaling. Alternative splicing results in multiple transcript variants. A read-through transcript variant composed of ZFP91 and the downstream CNTF gene sequence has been identified, but it is thought to be non-coding. Read-through transcription of ZFP91 and CNTF has also been observed in mouse. A ZFP91-related pseudogene has also been identified on chromosome 2.;

Immunogen

Purified recombinant fragment of human ZFP91 (AA: 162-304) expressed in E. Coli.

Formulation

Purified antibody in PBS with 0.05% sodium azide

Application Note

ELISA: 1/10000; WB: 1/500 - 1/2000; IHC: 1/200 - 1/1000; ICC: 1/100 - 1/500; FCM: 1/200 - 1/400

Mouse Monoclonal Antibody to ZFP91 - Additional Information

Gene ID 80829

Other Names

PZF; DMS-8; DSM-8; FKSG11; ZFP-91; ZNF757

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Mouse Monoclonal Antibody to ZFP91 is for research use only and not for use in diagnostic or therapeutic procedures.

Mouse Monoclonal Antibody to ZFP91 - Protein Information

Name ZFP91

Synonyms ZNF757

Function

Atypical E3 ubiquitin-protein ligase that mediates 'Lys-63'- linked ubiquitination of MAP3K14/NIK, leading to stabilize and activate MAP3K14/NIK. It thereby acts as an activator of the non-canonical NF- kappa-B2/NFKB2 pathway. May also play an important role in cell proliferation and/or anti-apoptosis.

Cellular Location

Nucleus.

Tissue Location

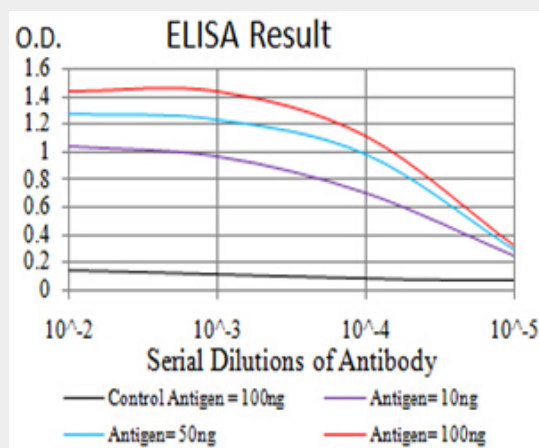
Expressed ubiquitously, particularly at high level in testis. Isoform 2 is testis specific

Mouse Monoclonal Antibody to ZFP91 - Protocols

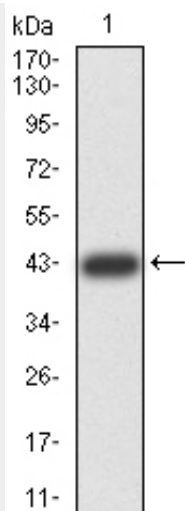
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

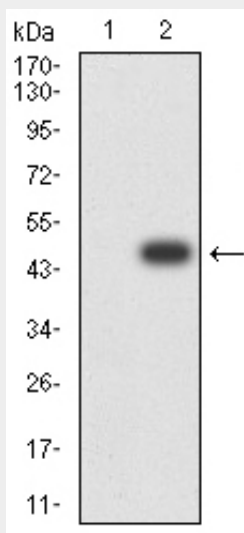
Mouse Monoclonal Antibody to ZFP91 - Images



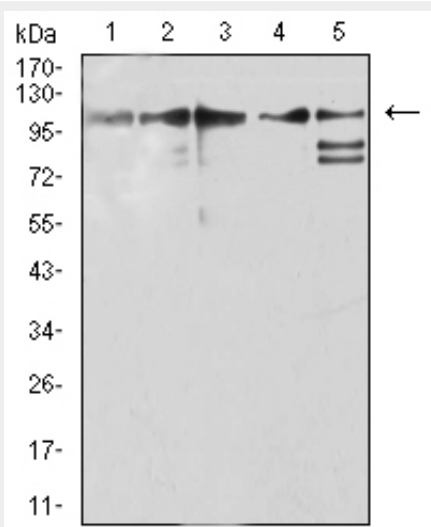
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



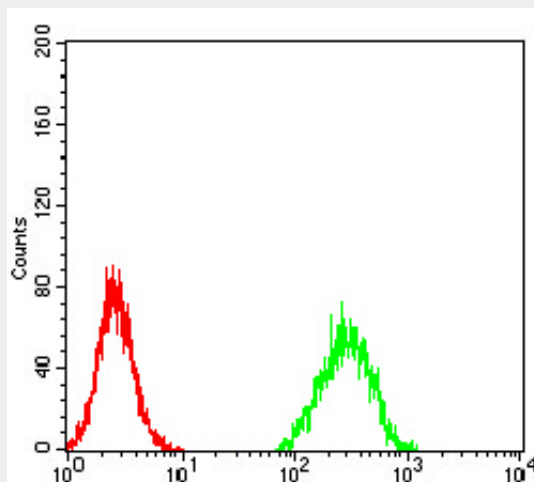
Western blot analysis using ZFP91 mAb against human ZFP91 (AA: 162-304) recombinant protein. (Expected MW is 43 kDa)



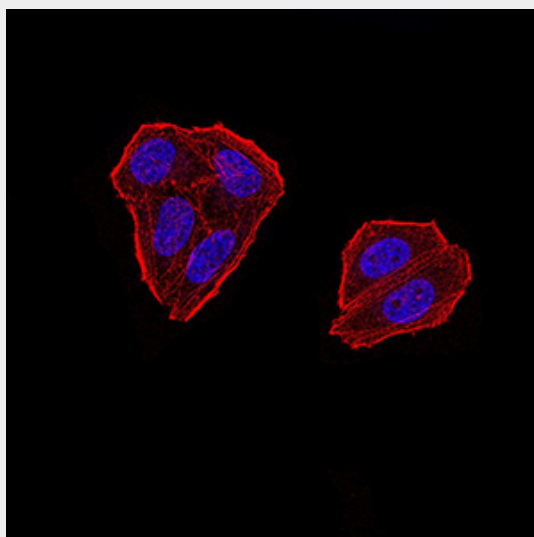
Western blot analysis using ZFP91 mAb against HEK293 (1) and ZFP91 (AA: 162-304)-hIgGFc transfected HEK293 (2) cell lysate.



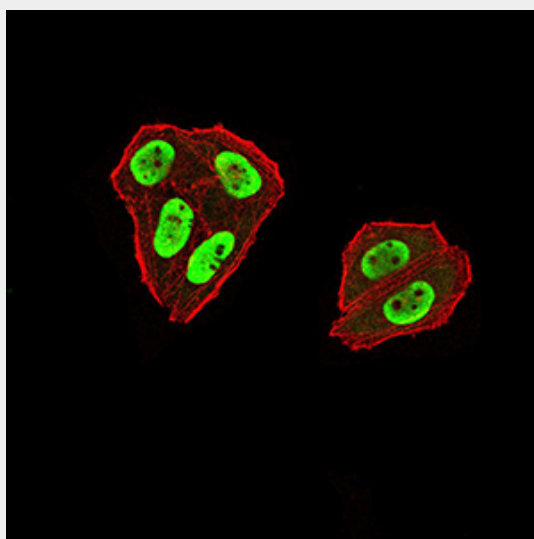
Western blot analysis using ZFP91 mouse mAb against Jurkat (1), A431 (2), HepG2 (3), HEK293 (4), and A549 (5) cell lysate.



Flow cytometric analysis of Hela cells using ZFP91 mouse mAb (green) and negative control (red).



Immunofluorescence analysis of Hela cells using ZFP91 mouse mAb. Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



Immunofluorescence analysis of Hela cells using ZFP91 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher

Mouse Monoclonal Antibody to ZFP91 - References

1.Pathol Oncol Res. 2014 Apr;20(2):453-9. ; 2.Biochem Biophys Res Commun. 2010 Oct 1;400(4):581-6.;