

DATASHEET

ZFP91 Mouse Monoclonal Antibody(C3052)

CAT. NO. AMA02664

KEY FEATURES

Target	ZFP91	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	WB, IHC, IF/ICC, FC	Conjugation	Unconjugated
Form / Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

DNA-binding transcription factor . Also acts as an 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 .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
IHC	1:100 - 1:500
IF/ICC	1:50 - 1:250
FC	1:100 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Mouse monoclonal to ZFP91
Specificity	Recognizes endogenous levels of ZFP91 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human ZFP91 expressed in E. Coli
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 63 kD; Observed: 63, 105 kD kD
Form/Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	ZNF757; E3 ubiquitin-protein ligase ZFP91; Zinc finger protein 757; Zinc finger protein 91 homolog; Zfp-91
Gene Symbol	ZFP91
Entrez Gene	80829(Human)
SwissProt	Q96JP5(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

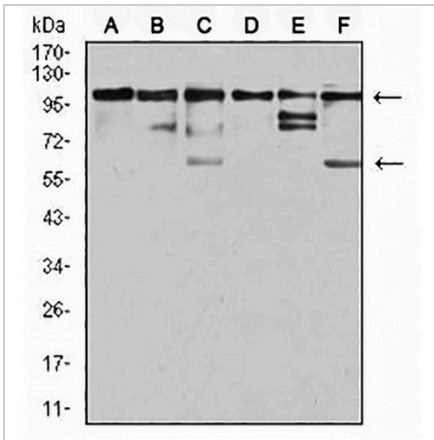
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET

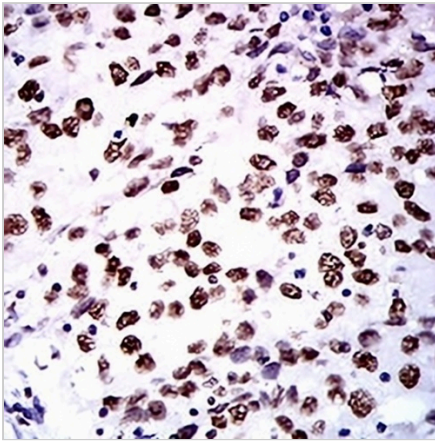
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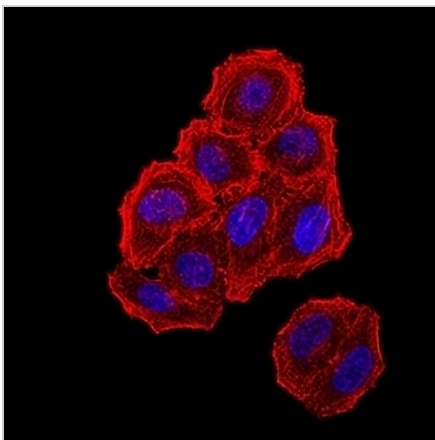
DATA



Western blot analysis of ZFP91 expression in Jurkat (A), A431 (B), HepG2 (C), HEK293 (D), A549 (E), PC3 (F) whole cell lysates. (Predicted band size: 63 kD; Observed band size: 63, 105 kD)



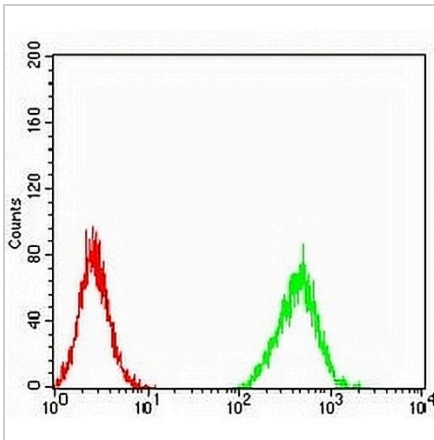
Immunohistochemical analysis of ZFP91 staining in human ovarian cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of ZFP91 staining in Hela cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AREX® Fluor 488 -conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AREX® Fluor 594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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DATA (CONTINUED)

Flow cytometric analysis of HeLa cells using Anti-ZFP91 Antibody (green) and negative control (red).

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.