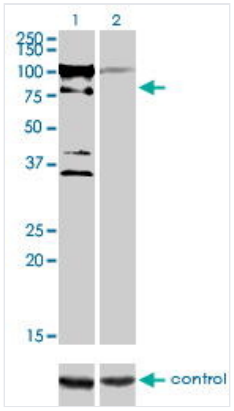
ZNF274 Antibody – Mouse Monoclonal

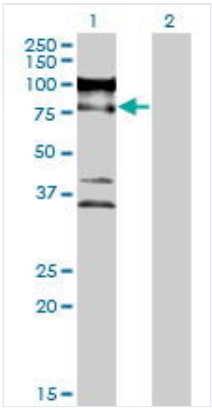
PRODUCT OVERVIEW

Product Name	ZNF274, Monoclonal Antibody
Full Product Name	ZNF274 (Zinc Finger Protein 274, DKFZp686K08243, FLJ37843, HFB101, ZF2, ZKSCAN19) (AP)
Product Gene Name	anti-ZNF274 antibody
Product Synonym Names	Zinc Finger Protein 274; DKFZp686K08243; FLJ37843; HFB101; ZF2; ZKSCAN19
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	1D8
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified
Specificity	Recognizes ZNF274.
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only pri immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
OMIM	605467
3D Structure	ModBase 3D Structure for Q96GC6
Immunogen	ZNF274 (NP_598009, 420aa-530aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	QKIDNPESQANSGALDTNQVLLHKIPPRKRLRKRDSQVKSMKHNSRVKIHQKSCERQKAKEGNGCRKTFSRSTKQITFIRIHKGSQVCRCSECGKIFRNPF
Conjugate	AP
Product Categories/Family for anti-ZNF274 antibody	Antibodies; Transcription Factors; Zinc (Ring) Finger
Applications Tested/Suitable for anti-ZNF274 antibody	ELISA (EIA), Western Blot (WB)
Application Notes for anti-ZNF274 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-ZNF274 antibody	This gene encodes a zinc finger protein containing five C2H2-type zinc finger domains, one or two Kruppel-associated box A (KRAB A) domains, and a domain. The encoded protein has been suggested to be a transcriptional repressor. It localizes predominantly to the nucleolus. Alternatively spliced tra encoding different isoforms exist. These variants utilize alternative polyadenylation signals. [provided by RefSeq]

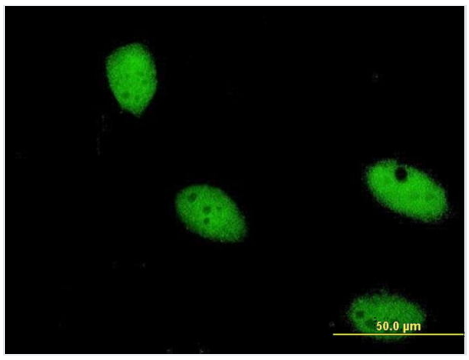
Other Notes	Small volumes of anti-ZNF274 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional may apply.
Searchable Terms for ZNF274 purchase	MBS6161872 is an antibody targeting ZNF274. Also known as ZNF274 (Zinc Finger Protein 274, DKFZp686K08243, FLJ37843, HFB101, ZF2, ZKSCA Host: Mouse.



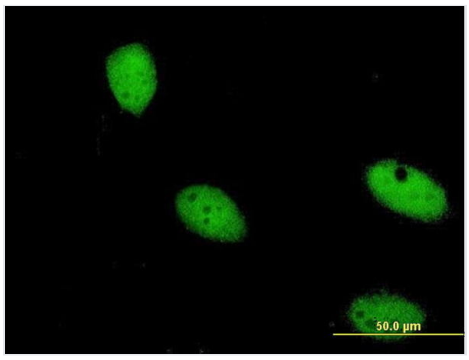
Western Blot (WB) of anti-ZNF274 antibody
Western blot analysis of ZNF274 over-expressed 293 cell line, cotransfected with ZNF274 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with ZNF274 monoclonal antibody (M04), clone 1D8. GAPDH (36.1 kDa) used as specificity and loading control.



Western Blot (WB) of anti-ZNF274 antibody
Western Blot analysis of ZNF274 expression in transfected 293T cell line by ZNF274 monoclonal antibody (M04), clone 1D8.Lane 1: ZNF274 transfected lysate(74.2 KDa).Lane 2: Non-transfected lysate.



Immunofluorescence (IF) of anti-ZNF274 antibody
Immunofluorescence of monoclonal antibody to ZNF274 on HeLa cell. [antibody concentration 10 ug/ml]



Immunofluorescence (IF) of anti-ZNF274 antibody
Immunofluorescence of monoclonal antibody to ZNF274 on HeLa cell. [antibody concentration 10 ug/ml]

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ZNF274. It may not necessarily be applicable to this product.

NCBI GI #	19743801
NCBI GeneID	10782
NCBI Accession #	NP_598009
UniProt Primary Accession #	Q96GC6
UniProt Related Accession #	Q96GC6
GenBank Nucleotide #	NP_598009.1
NCBI Official Full Name	neurotrophin receptor-interacting factor homolog isoform c
NCBI Official Synonym Full Names	zinc finger protein 274
NCBI Official Symbol	ZNF274

NCBI Official Synonym Symbols	ZF2; HFB101; ZSCAN51; ZKSCAN19
UniProt Protein Name	Neurotrophin receptor-interacting factor homolog
UniProt Synonym Protein Names	Zinc finger protein 274; Zinc finger protein HFB101; Zinc finger protein with KRAB and SCAN domains 19; Zinc finger protein zfp2; Zf2
Protein Family	Neurotrophin receptor-interacting factor
UniProt Gene Name	ZNF274
UniProt Synonym Gene Names	ZKSCAN19; SP2114; Zf2
UniProt Entry Name	ZN274_HUMAN
NCBI Protein Information	neurotrophin receptor-interacting factor homolog
Research Articles on ZNF274	**1.** A proximal promoter construct for the MAS gene was repressed by the SOX [SRY (sex-determining region on the Y chromosome) box] proteins SRY, SOX2, SOX3 and SOX14, of which SRY is known to interact with the KRAB domain.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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