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ZNF274 Antibody (monoclonal) (M04)

Mouse monoclonal antibody raised against a partial recombinant ZNF274.
Catalog # AT4621a

Specification

ZNF274 Antibody (monoclonal) (M04) - Product Information

Application	**IF, WB**
Primary Accession	Q96GC6
Other Accession	NM_133502
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**74177**

ZNF274 Antibody (monoclonal) (M04) - Additional Information

Gene ID 10782

Other Names
Neurotrophin receptor-interacting factor homolog, Zinc finger protein 274, Zinc finger protein HFB101, Zinc finger protein with KRAB and SCAN domains 19, Zinc finger protein zfp2, Zf2, ZNF274, ZKSCAN19

Target/Specificity
ZNF274 (NP_598009, 420 a.a. ~ 530 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
ZNF274 Antibody (monoclonal) (M04) is for research use only and not for use in diagnostic or therapeutic procedures.

ZNF274 Antibody (monoclonal) (M04) - Protocols

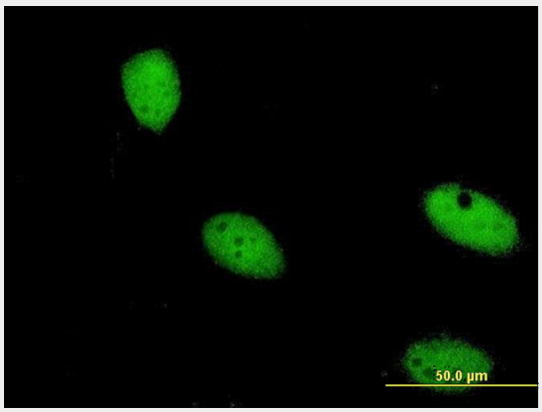
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides

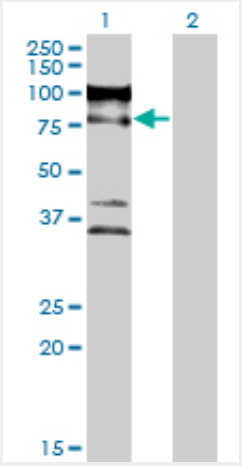
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- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ZNF274 Antibody (monoclonal) (M04) - Images



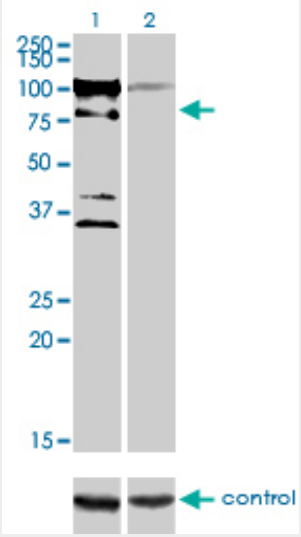
Immunofluorescence of monoclonal antibody to ZNF274 on HeLa cell . [antibody concentration 10 ug/ml]



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.

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Western blot analysis of ZNF274 over-expressed 293 cell line, cotransfected with ZNF274 Validated Chimera RNAi ((Cat # AT4621a)

ZNF274 Antibody (monoclonal) (M04) - Background

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 leucine-rich domain. The encoded protein has been suggested to be a transcriptional repressor. It localizes predominantly to the nucleolus. Alternatively spliced transcript variants encoding different isoforms exist. These variants utilize alternative polyadenylation signals.

ZNF274 Antibody (monoclonal) (M04) - References

Systematic identification of SH3 domain-mediated human protein-protein interactions by peptide array target screening. Wu C, et al. Proteomics, 2007 Jun. PMID 17474147.The KAP1 corepressor functions to coordinate the assembly of de novo HP1-demarcated microenvironments of heterochromatin required for KRAB zinc finger protein-mediated transcriptional repression. Sripathy SP, et al. Mol Cell Biol, 2006 Nov. PMID 16954381.Large-scale cDNA transfection screening for genes related to cancer development and progression. Wan D, et al. Proc Natl Acad Sci U S A, 2004 Nov 2. PMID 15498874.The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039.