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CITED4 Antibody (monoclonal) (M08)

Mouse monoclonal antibody raised against a partial recombinant CITED4.
Catalog # AT1542a

Specification

CITED4 Antibody (monoclonal) (M08) - Product Information

Application	**IF, WB, IHC**
Primary Accession	Q96RK1
Other Accession	NM_133467
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**18569**

CITED4 Antibody (monoclonal) (M08) - Additional Information

Gene ID 163732

Other Names
Cbp/p300-interacting transactivator 4, MSG1-related protein 2, MRG-2, CITED4 (HGNC:18696), MRG2

Target/Specificity
CITED4 (NP_597724.1, 131 a.a. ~ 184 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
CITED4 Antibody (monoclonal) (M08) is for research use only and not for use in diagnostic or therapeutic procedures.

CITED4 Antibody (monoclonal) (M08) - Protocols

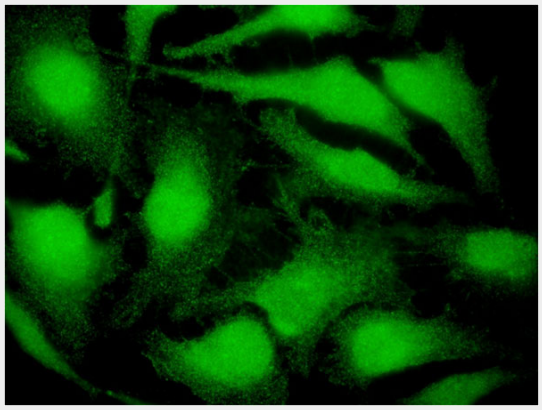
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides

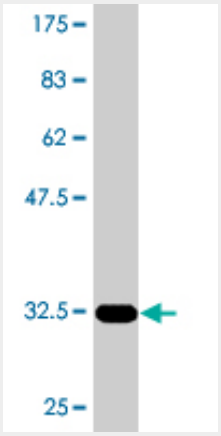
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- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

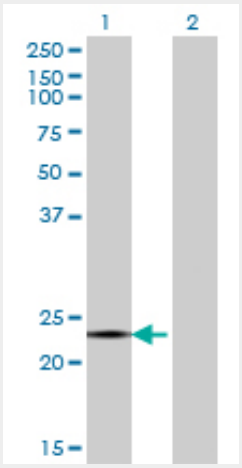
CITED4 Antibody (monoclonal) (M08) - Images



Immunofluorescence of monoclonal antibody to CITED4 on HeLa cell . [antibody concentration 10 ug/ml]



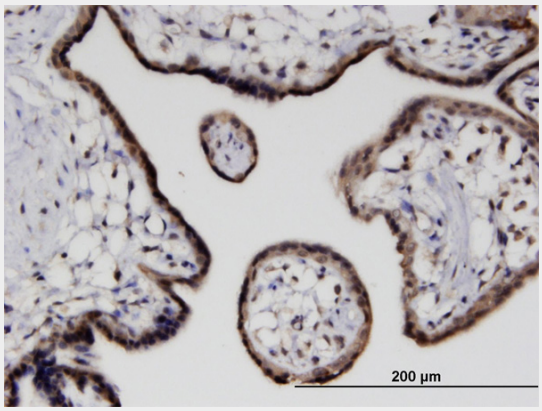
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (31.68 KDa) .



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Western Blot analysis of CITED4 expression in transfected 293T cell line by CITED4 monoclonal antibody (M08), clone 4F6.

Lane 1: CITED4 transfected lysate(18.6 KDa).
Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to CITED4 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]

CITED4 Antibody (monoclonal) (M08) - Background

CITED4 belongs to a family of transcriptional coactivators that bind several proteins, including CREB-binding protein (MIM 600140) and p300 (MIM 602700).

CITED4 Antibody (monoclonal) (M08) - References

Mutational analysis of the CITED4 gene in glioblastomas. Torres-Mart?n M, et al. Cancer Genet Cytogenet, 2008 Sep. PMID 18722883.Hypermethylation and transcriptional downregulation of the CITED4 gene at 1p34.2 in oligodendroglial tumours with allelic losses on 1p and 19q. Tews B, et al. Oncogene, 2007 Jul 26. PMID 17311001.Interaction and functional cooperation between the LIM protein FHL2, CBP/p300, and beta-catenin. Labalette C, et al. Mol Cell Biol, 2004 Dec. PMID 15572674.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.CITED4 inhibits hypoxia-activated transcription in cancer cells, and its cytoplasmic location in breast cancer is associated with elevated expression of tumor cell hypoxia-inducible factor 1alpha. Fox SB, et al. Cancer Res, 2004 Sep 1. PMID 15342390.