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CHRAC1 Antibody (monoclonal) (M11)

Mouse monoclonal antibody raised against a partial recombinant CHRAC1.
Catalog # AT1527a

Specification

CHRAC1 Antibody (monoclonal) (M11) - Product Information

Application	**WB**
Primary Accession	Q9NRG0
Other Accession	NM_017444
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**14711**

CHRAC1 Antibody (monoclonal) (M11) - Additional Information

Gene ID 54108

Other Names
Chromatin accessibility complex protein 1, CHRAC-1, Chromatin accessibility complex 15 kDa protein, CHRAC-15, HuCHRAC15, DNA polymerase epsilon subunit p15, CHRAC1, CHRAC15

Target/Specificity
CHRAC1 (NP_059140, 1 a.a. ~ 96 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
CHRAC1 Antibody (monoclonal) (M11) is for research use only and not for use in diagnostic or therapeutic procedures.

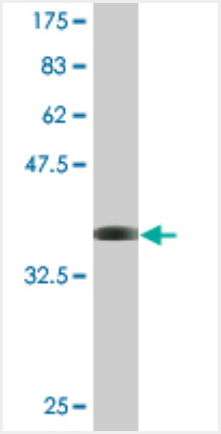
CHRAC1 Antibody (monoclonal) (M11) - Protocols

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

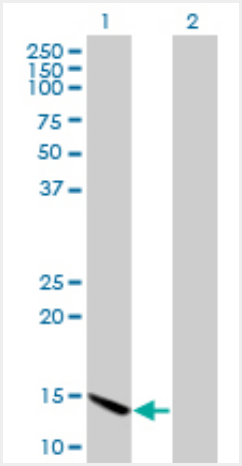
- Western Blot
- Blocking Peptides
- Dot Blot

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

CHRAC1 Antibody (monoclonal) (M11) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.3 KDa) .



Western Blot analysis of CHRAC1 expression in transfected 293T cell line by CHRAC1 monoclonal antibody (M11), clone 4E7.

Lane 1: CHRAC1 transfected lysate(14.7 KDa).
Lane 2: Non-transfected lysate.

CHRAC1 Antibody (monoclonal) (M11) - Background

CHRAC1 is a histone-fold protein that interacts with other histone-fold proteins to bind DNA in a sequence-independent manner. These histone-fold protein dimers combine within larger enzymatic complexes for DNA transcription, replication, and packaging.

CHRAC1 Antibody (monoclonal) (M11) - References

Diversification of transcriptional modulation: large-scale identification and characterization of

putative alternative promoters of human genes. Kimura K, et al. Genome Res, 2006 Jan. PMID 16344560.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.Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932.An ACF1-ISWI chromatin-remodeling complex is required for DNA replication through heterochromatin. Collins N, et al. Nat Genet, 2002 Dec. PMID 12434153.