

CHRAC1 Antibody (monoclonal) (M05)**Mouse monoclonal antibody raised against a full length recombinant CHRAC1.****Catalog # AT1526a****Specification**

CHRAC1 Antibody (monoclonal) (M05) - Product Information

Application	WB
Primary Accession	O9NRG0
Other Accession	BC015891
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	14711

CHRAC1 Antibody (monoclonal) (M05) - 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 (AAH15891, 1 a.a. ~ 131 a.a) full-length 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) (M05) is for research use only and not for use in diagnostic or therapeutic procedures.

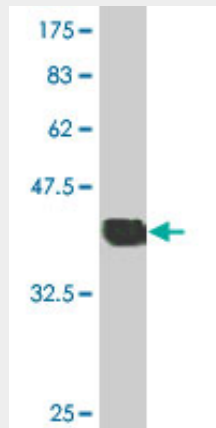
CHRAC1 Antibody (monoclonal) (M05) - Protocols

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

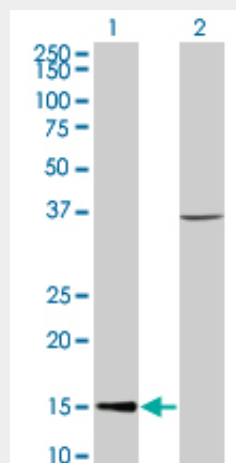
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CHRAC1 Antibody (monoclonal) (M05) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (40.15 kDa) .



Western Blot analysis of CHRAC1 expression in transfected 293T cell line by CHRAC1 monoclonal antibody (M05), clone 4B8.

Lane 1: CHRAC1 transfected lysate(14.7 kDa).

Lane 2: Non-transfected lysate.

CHRAC1 Antibody (monoclonal) (M05) - 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) (M05) - 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.