

BATF Antibody (monoclonal) (M03)**Mouse monoclonal antibody raised against a partial recombinant BATF.****Catalog # AT1273a****Specification**

BATF Antibody (monoclonal) (M03) - Product Information

Application	WB, E
Primary Accession	Q16520
Other Accession	NM_006399
Reactivity	Human, Mouse, Rat
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	14120

BATF Antibody (monoclonal) (M03) - Additional Information**Gene ID** 10538**Other Names**

Basic leucine zipper transcriptional factor ATF-like, B-cell-activating transcription factor, B-ATF, SF-HT-activated gene 2 protein, SFA-2, BATF

Target/Specificity

BATF (NP_006390, 34 a.a. ~ 125 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

BATF Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

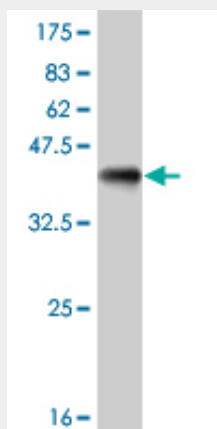
BATF Antibody (monoclonal) (M03) - Protocols

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

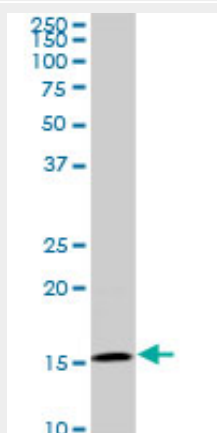
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

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

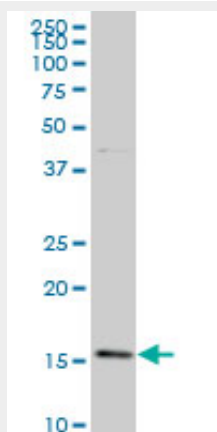
BATF Antibody (monoclonal) (M03) - Images



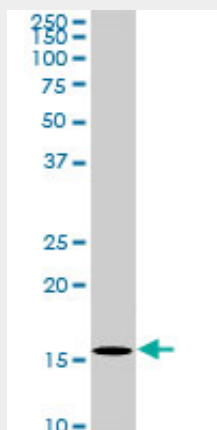
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.86 kDa) .



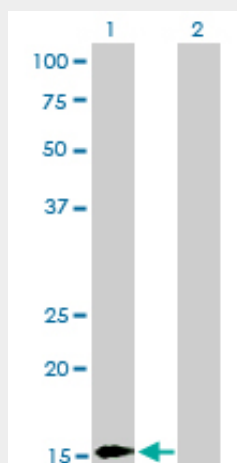
BATF monoclonal antibody (M03), clone 1G4. Western Blot analysis of BATF expression in PC-12 (Cat # AT1273a)



BATF monoclonal antibody (M03), clone 1G4 Western Blot analysis of BATF expression in Hela S3 NE ((Cat # AT1273a)



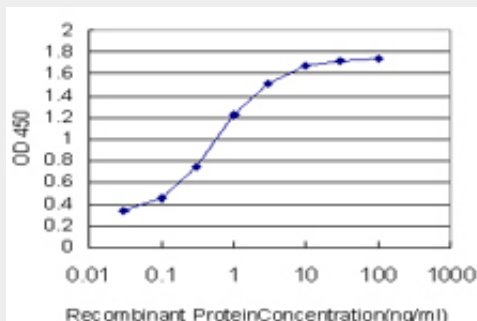
BATF monoclonal antibody (M03), clone 1G4. Western Blot analysis of BATF expression in Raw 264.7 ((Cat # AT1273a)



Western Blot analysis of BATF expression in transfected 293T cell line by BATF monoclonal antibody (M03), clone 1G4.

Lane 1: BATF transfected lysate(14.1 KDa).

Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged BATF is approximately 0.03ng/ml as a capture antibody.

BATF Antibody (monoclonal) (M03) - Background

The protein encoded by this gene is a nuclear basic leucine zipper protein that belongs to the AP-1/ATF superfamily of transcription factors. The leucine zipper of this protein mediates dimerization with members of the Jun family of proteins. This protein is thought to be a negative regulator of AP-1/ATF transcriptional events.

BATF Antibody (monoclonal) (M03) - References

1. A Differentiation Checkpoint Limits Hematopoietic Stem Cell Self-Renewal in Response to DNA Damage. Wang J, Sun Q, Morita Y, Jiang H, GroB A, Lechel A, Hildner K, Guachalla LM, Gompf A, Hartmann D, Schambach A, Wuestefeld T, Dauch D, Schrezenmeier H, Hofmann WK, Nakauchi H, Ju Z, Kestler HA, Zender L, Rudolph KL. Cell. 2012 Mar 2;148(5):1001-1014. Epub 2012 Mar 1.