

## Anti-BATF3 Antibody (Monoclonal, 31B41)

Catalog Number: M01957

### About BATF3

This gene encodes a member of the basic leucine zipper protein family. The encoded protein functions as a transcriptional repressor when heterodimerizing with JUN. The protein may play a role in repression of interleukin-2 and matrix metalloproteinase-1 transcription.

### Overview

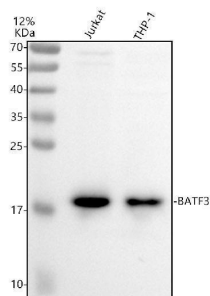
Product Name	Anti-BATF3 Antibody (Monoclonal, 31B41)
Reactive Species	Human
Description	Boster Bio Anti-BATF3 Antibody (Monoclonal, 31B41) catalog # M01957. Tested in WB, IP, ChIP applications. This antibody reacts with Human.
Application	ChIP, IP, WB
Clonality	Monoclonal 31B41
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9NR55

### Technical Details

Immunogen	Recombinant protein within human BATF3 aa 3-125.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 ImmunoPrecipitation, 1:50



## Anti-BATF3 Antibody (Monoclonal, 31B41) (M01957) Images



Western blot analysis of BATF3 using anti-BATF3 antibody (M01957). Electrophoresis was performed on a 12% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human Jurkat whole cell lysates, Lane 2: human THP-1 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-BATF3 antigen affinity purified monoclonal antibody (M01957) at 1:500 overnight at 4°C, then washed with TBS-0.1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for BATF3 at approximately 17 kDa. The expected band size for BATF3 is at 14 kDa.

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