

## Anti-Morc3 Antibody

Catalog Number: A06075-1

### About MORC3

The Morc (microorchidia) family of proteins are ATPases of the GHKL family. They have been implicated in transcriptional repression of genes and transposons, and higher order organization of DNA within the nucleus. Morc antibodies are ideal for researchers interested in Epigenetics, Cancer, and Cell cycle research.

### Overview

Product Name	Anti-Morc3 Antibody
Reactive Species	Mouse
Description	Boster Bio Anti-Morc3 Antibody (Catalog # A06075-1). Tested in WB applications. This antibody reacts with Mouse.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 0.01% (w/v) Sodium Azide
Storage Instructions	Store vial at -20°C prior to opening. Aliquot contents and freeze at -20°C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4°C as an undiluted liquid. Dilute only prior to immediate use. Expiration date is one (1) year from date of opening. (Ship on dry ice.)
Host	Rabbit
Uniprot ID	Q6A0C2

### Technical Details

Immunogen	Morc3 whole rabbit serum was prepared by repeated immunizations with a mouse Morc3 recombinant protein.
Predicted Reactive Species	Bovine, Canine, Equine, Guinea Pig, Rabbit, Zebrafish
Isotype	Antiserum
Form	Liquid (sterile filtered)
Concentration	80 mg/mL by Refractometry
Purification	Morc3 antibody was prepared from monospecific antiserum by delipidation and defibrination. The antibody is specific for mouse Morc3 in expressed cell lysates. Cross-reactivity to other Morc proteins has not been determined.

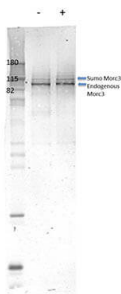
Suggested Dilutions

ELISA: 1:10,000-1:50,000

WB: 1:1000-1:5000

Anti-Morc3 Antibody is tested for use in Western Blot and suitable for ChIP and IF. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 110.8 kDa in size corresponding Morc3 by western blotting in the appropriate cell lysate or extract.

## Anti-Morc3 Antibody (A06075-1) Images



Western Blot of Rabbit Anti-Morc3 antibody. Lane 1: C-Flag murine embryonic stem cells. Lane 2: C-Flag murine embryonic stem cells doxycycline induced. Load: 35  $\mu$ g per lane. Primary antibody: mMorc3 antibody at 1:1000 for overnight at 4°C. Secondary antibody: IRDye800™ rabbit secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: 110 kDa for mouse Morc3. Other band(s): Sumoylated Morc runs higher.

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### Anti-Morc3 Antibody

For Research Use Only. Not for use in diagnostic procedures.