

# MAD3/MXD3 Rabbit mAb

Catalog No.: A19807 **Recombinant**

## Basic Information

### Observed MW

24kDa

### Calculated MW

23kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human

### CloneNo number

ARC2333

## Background

This gene encodes a member of the Myc superfamily of basic helix-loop-helix leucine zipper transcriptional regulators. The encoded protein forms a heterodimer with the cofactor MAX which binds specific E-box DNA motifs in the promoters of target genes and regulates their transcription. Disruption of the MAX-MXD3 complex is associated with uncontrolled cell proliferation and tumorigenesis. Transcript variants of this gene encoding different isoforms have been described.

## Recommended Dilutions

WB 1:500 - 1:2000

## Immunogen Information

### Gene ID

83463

### Swiss Prot

Q9BW11

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 100-190 of human MAD3/MXD3 (Q9BW11).

### Synonyms

MYX; MAD3; BHLHC13; MAD3/MXD3

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

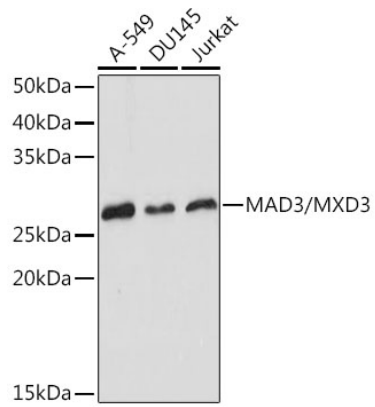
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of extracts of various cell lines, using MAD3/MXD3 Rabbit mAb (A19807) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.