

## ARG63269 anti-MAD3 / MXD3 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes MAD3 / MXD3
Tested Reactivity	Hu
Tested Application	ICC/IF, IHC
Specificity	This antibody is expected to recognise isoform a (NP_112590.1) only.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	MAD3 / MXD3
Species	Human
Immunogen	C-QEHSYSHGGGAWL
Conjugation	Un-conjugated
Alternate Names	MYX; bHLHc13; Max dimerizer 3; Myx; Max dimerization protein 3; MAD3; BHLHC13; Max-interacting transcriptional repressor MAD3; Max-associated protein 3; Class C basic helix-loop-helix protein 13

### Application Instructions

Application table	Application	Dilution
	ICC/IF	Assay - dependent
	IHC	Assay - dependent

**Application Note** \* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Database links [GeneID: 83463 Human](#)

[Swiss-port # Q9BW11 Human](#)

**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.[provided by RefSeq, Dec 2008]

**Research Area** Gene Regulation antibody

**Calculated Mw** 23 kDa