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Research Use Only. Not for diagnostic or therapeutic use.

EB05651 - Goat Anti-MAD3 / MXD3 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: MXD3, MAD3, MAX dimerization protein 3, MGC2383, hypothetical protein MGC2383, likely ortholog of mouse Max dimerization protein 3, BHLHC13, FLJ35523, MYX, Max-associated protein 3, Max-interacting transcriptional repressor

MAD3

Official Symbol: MXD3

Accession Number(s): NP_112590.1

Human GenelD(s): 83463

Important Comments: This antibody is expected to recognise isoform a (NP_112590.1)

only.

Immunogen

Peptide with sequence C-QEHSYSHGGGAWL, from the C Terminus of the protein sequence according to NP_112590.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:4000.

Immunofluorescence: Strong expression of the protein seen in the nuclei of U2OS cells.

Recommended concentration: 10µg/ml.

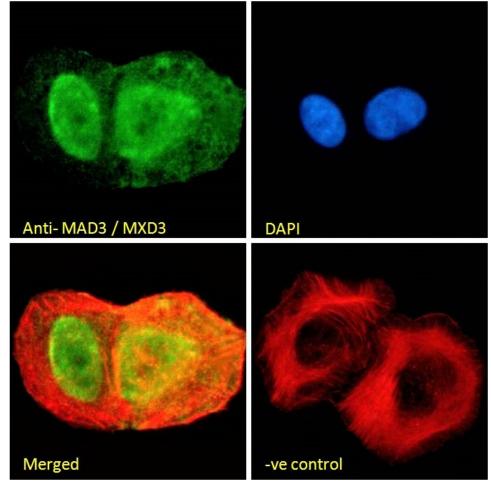
Flow Cytometry: Flow cytometric analysis of MCF7 cells. Recommended concentration:

10ug/ml.

Species Reactivity

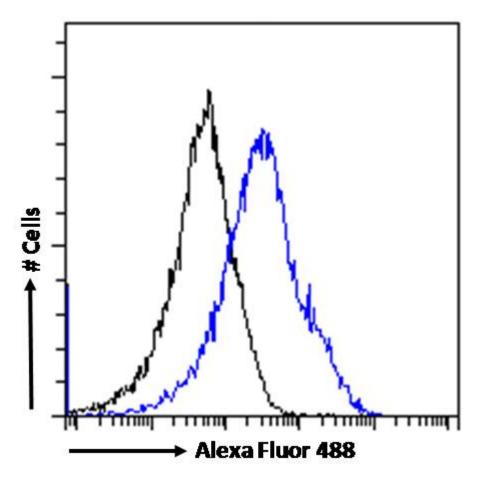
Tested: Human

Expected from sequence similarity: Human,



EB05651 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control:

Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB05651 Flow cytometric analysis of paraformaldehyde fixed MCF7 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control:

Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.