

## UK Office

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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 GeneID(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.

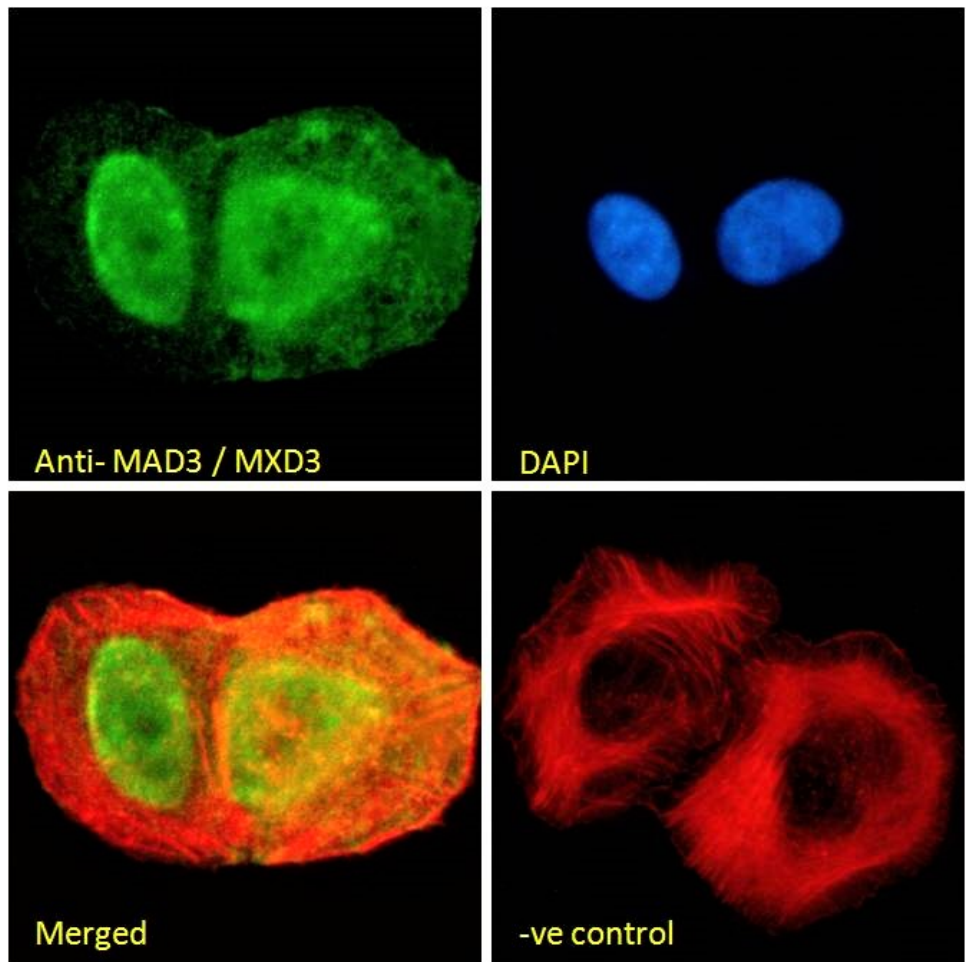
**Immunofluorescence:** Strong expression of the protein seen in the nuclei of U2OS cells. Recommended concentration: 10µg/ml.

**Flow Cytometry:** Flow cytometric analysis of MCF7 cells. Recommended concentration: 10ug/ml.

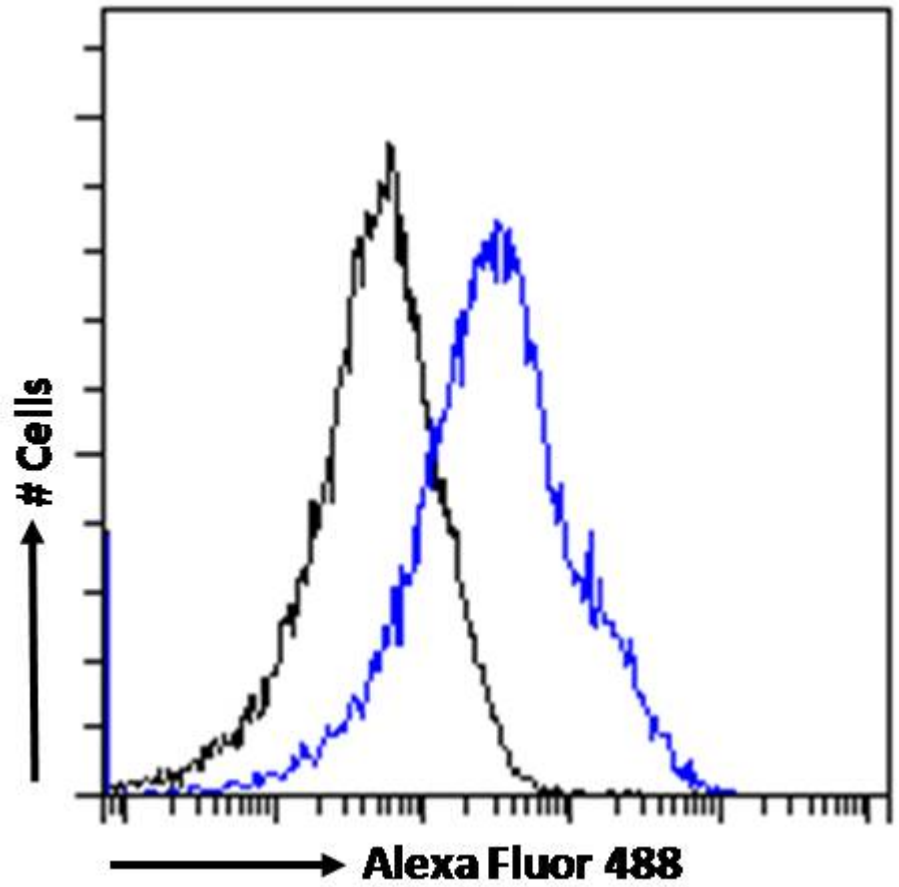
### Species Reactivity

**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.