Datasheet for ABIN184841

anti-MXD3 antibody (C-Term)

2 Images

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Overview

Quantity:	100 µg
Target:	MXD3
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This MXD3 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Purpose:	MAD3 / MXD3
Immunogen:	Peptide with sequence C-QEHSYSHGGGAWL, from the C Terminus of the protein sequence according to NP_112590.1.
Sequence:	QEHSYSHGGG AWL
Isotype:	IgG
Specificity:	This antibody is expected to recognise isoform a (NP_112590.1) only.
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

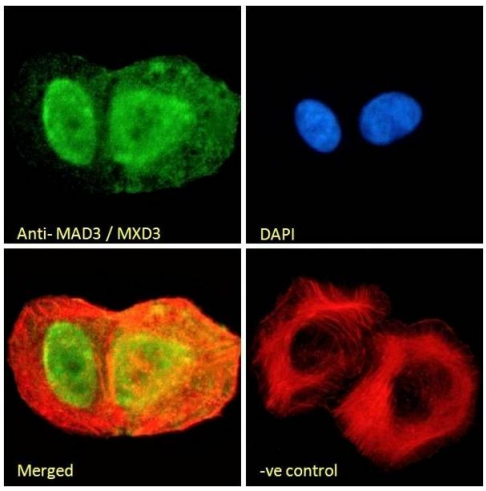
Target:	MXD3
Alternative Name:	MXD3 (MXD3 Products)
Background:	MXD3, MAD3, MAX dimerization protein 3, MGC2383, hypothetical protein MGC2383, likely ortholog of mouse Max dimerization protein 3, BHLHC13, FLJ35523, MYX, Max-associated protein 3, Max-interacting transcriptional repressor MAD3
Gene ID:	83463
NCBI Accession:	NP_112590

Application Details

Application Notes:	Peptide ELISA: antibody detection limit dilution 1:4000.
Comment:	**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.
Restrictions:	For Research Use only

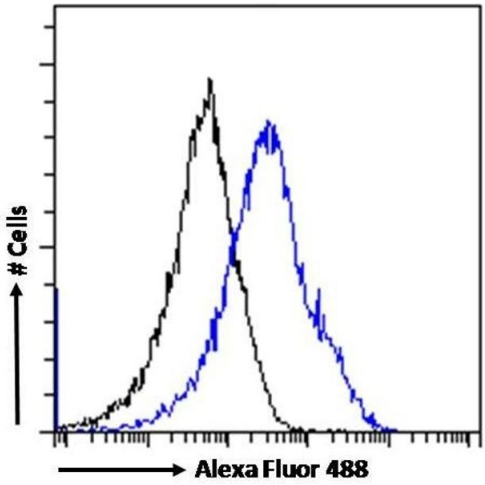
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Immunofluorescence

Image 1. (ABIN184841) Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL), showing nuclear staining. Actin filaments were stained wit



Flow Cytometry

Image 2. (ABIN184841) Flow cytometric analysis of paraformaldehyde fixed MCF7 cells (blue line), permeabilized with 0.5 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (1 µ g/mL). IgG control: Unimmunized goat IgG (black line) fol