



# JDP2 Monoclonal Antibody

Catalog No	BYmab-01834
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	JDP2
Protein Name	Jun dimerization protein 2
Immunogen	The antiserum was produced against synthesized peptide derived from human JDP2. AA range:114-163
Specificity	JDP2 Monoclonal Antibody detects endogenous levels of JDP2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	JDP2; Jun dimerization protein 2
Observed Band	22kD
Cell Pathway	Nucleus .
Tissue Specificity	Colon,
Function	function:Component of the AP-1 transcription factor that represses transactivation mediated by the Jun family of proteins. Involved in a variety of transcriptional responses associated with AP-1 such as UV-induced apoptosis, cell differentiation, tumorigenesis and antitumogeneris. Can also function as a repressor by recruiting histone deacetylase 3/HDAC3 to the promoter region of JUN. May control transcription via direct regulation of the modification of histones and the assembly of chromatin.,PTM:Phosphorylation of Thr-148 by MAPK8 in response to different stress conditions such as, UV irradiation, oxidatives stress and anisomycin treatments.,similarity:Belongs to the bZIP family. ATF subfamily.,similarity:Contains 1 bZIP domain.,subunit:Forms homodimer or heterodimer with JUN, JUNB, JUND, CEBPG and ATF2 thereby inhibiting

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transactivation by JUN, ATF2 and CEBPG (By similarity). Binds mu

## Background

function:Component of the AP-1 transcription factor that represses transactivation mediated by the Jun family of proteins. Involved in a variety of transcriptional responses associated with AP-1 such as UV-induced apoptosis, cell differentiation, tumorigenesis and antitumogenesis. Can also function as a repressor by recruiting histone deacetylase 3/HDAC3 to the promoter region of JUN. May control transcription via direct regulation of the modification of histones and the assembly of chromatin.,PTM:Phosphorylation of Thr-148 by MAPK8 in response to different stress conditions such as, UV irradiation, oxidative stress and anisomycin treatments.,similarity:Belongs to the bZIP family. ATF subfamily.,similarity:Contains 1 bZIP domain.,subunit:Forms homodimer or heterodimer with JUN, JUNB, JUND, CEBPG and ATF2 thereby inhibiting transactivation by JUN, ATF2 and CEBPG (By similarity). Binds multiple DNA elements such as cAMP-response element (CRE) and TPA response element (TRE) either as homodimer or heterodimer.,

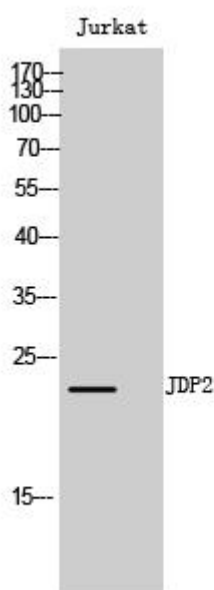
## matters needing attention

Avoid repeated freezing and thawing!

## Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using JDP2 Monoclonal Antibody

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