

Datasheet for ABIN7126989  
**anti-MED22 antibody**



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## Overview

Quantity:	100 µg
Target:	MED22
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MED22 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF), Coating (Coat), Flow Cytometry (FACS), Immunoprecipitation (IP)

## Product Details

Immunogen:	Recombinant full-length human MED22 protein
Isotype:	IgG2b
Specificity:	Med22 is a subunit of the RNA polymerase II (Pol II) transcriptional mediator complex. The mediator complex is a coactivator involved in the regulated transcription of Pol II-dependent genes. Functioning as a bridge to convey information from gene-specific regulatory proteins to the basal Pol II transcription machinery, the mediator complex is recruited to promoter regions by directly interacting with regulatory proteins. The mediator complex also serves as a scaffold for the assembly of a functional pre-initiation complex with Pol II and other general transcription factors. Med22 (mediator complex subunit 22), also known as SURF5 (surfeit locus protein 5), is a ubiquitously expressed 200 amino acid nuclear protein that is one of several components of the mediator complex. There are two isoforms of Med22 that are produced as a result of alternative splicing events.

## Product Details

Cross-Reactivity (Details):	Human.
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

## Target Details

Target:	MED22
Alternative Name:	MED22 ( <a href="#">MED22 Products</a> )
Background:	Med24, SURF5, mediator complex subunit 22, Mediator of RNA polymerase II transcription subunit 22,MED22 (Transcription Factor) Cellular localisation: Nucleus.
Molecular Weight:	22kDa
Gene ID:	6837, 78354
UniProt:	<a href="#">Q15528</a>
Pathways:	<a href="#">Regulation of Lipid Metabolism by PPARalpha</a>

## Application Details

Application Notes:	Known_Application: ELISA (For coating, order antibody without BSA), ,Immunofluorescence (0.5-2 µg/mL), Immunoprecipitation (1-2 µg per 100-500 µg of total protein (1 mL of cell lysate)), ,Flow Cytometry (0.5-2 µg/million cells), ,Optimal dilution for a specific application should be determined. Positive_Control: HeLa or U87 cells.
Restrictions:	For Research Use only

## Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C,-80 °C
Storage Comment:	Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
Expiry Date:	24 months