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Datasheet for ABIN7126988 **anti-MED22 antibody**

Overview

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

Product Details

Immunogen:	Recombinant full-length human MED22 protein
Isotype:	IgG2
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 ([MED22 Products](#))

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: [Q15528](#)

Pathways: [Regulation of Lipid Metabolism by PPARalpha](#)

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), ,Western Blot (1-2 µg/mL), ,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