



Mouse Monoclonal Antibody **SP1** conjugated to Sepharose Beads

CatalogNo: **ANT8086-M**

Size 200ul

Storage Store at 4 °C for frequent use

Description

This Antagene antibody is immobilized by the covalent reaction of hydrazinonicotinamide-modified antibody with formylbenzamide-modified beads. It is useful for immunoprecipitation.

SP1 (ANT0049R) Rabbit mAb

Formulation: Each vial contains 1mg/ml Magnetic Bead in PBS, pH 7.2, 0.05mg ANaN3.

Host Species

- Rabbit

MW

- 100kD (Calculated)
- 100kD (Observed)

Reactivity

- Human,

Isotype

- IgG,Kappa

Applications

- WB,IHC,IF,IP,ELISA

Recommended Dilution Ratios

IP

Basic Information

Clonality

Monoclonal

Clone Number ANT0049R

Immunogen Information Specificity

Endogenous

Gene name SP1
Protein Name Transcription factor Sp1

Organism	Gene ID	UniProt ID
Human	6667;	P08047;
Mouse	20683;	O89090;
Rat	24790;	Q01714;

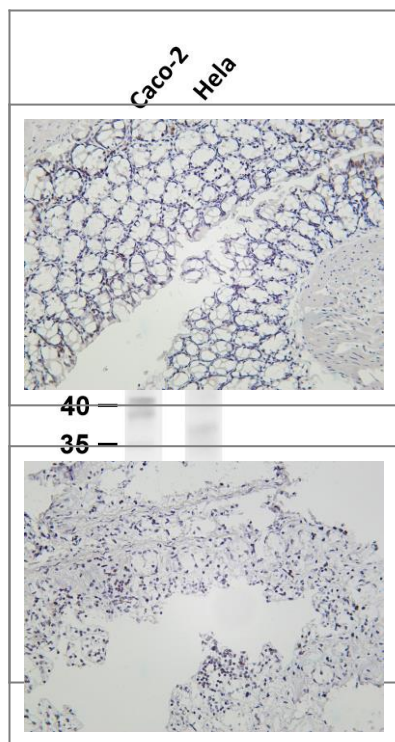
Cellular Nuclear
Localization

Tissue specificity Up-regulated in adenocarcinomas of the stomach (at protein level). Isoform 3 is ubiquitously expressed at low levels.

Function Function: Binds to GC box promoters elements and selectively activates mRNA synthesis from genes that contain functional recognition sites. Can interact with G/C-rich motifs from serotonin receptor promoter.,ANTM: O-glycosylated; contains N-acetylglucosamine side chains.,similarity: Belongs to the Sp1 C2H2-type zinc-finger protein family.,similarity: Contains 3 C2H2-type zinc fingers.,subunit: Interacts with ATF7IP, ATF7IP2, POGZ, HCFC1, AATF and PHC2. Interacts with varicella-zoster virus IE62 protein and HIV-1 Vpr. Interacts with SV40 VP2/3 proteins. Interacts with SV40 major capsid protein VP1; this interaction leads to a cooperativity between the two proteins in DNA binding.,



Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-SP1 (ANT0049R) antibody. The HRPconjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: Caco-2 Lane 2: Hela treated with serum for 30 minutes

Predicted band size: 100kDa Observed band size: 100kDa

Mouse colon was stained with Anti-SP1 (ANT0049R) rabbit antibody

Rat colon was stained with Anti-SP1 (ANT0049R) rabbit antibody

Human colon was stained with Anti-SP1 (ANT0049R) rabbit antibody

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