

Recombinant

DGRmAb®

SP1 (DGR20064) Rabbit mAb

db14645

Package : 10μL 20μL 50μL 100μL

Product Name : SP1 (DGR20064) Rabbit mAb**Cat.No.:** db14645**Synonyms** : Transcription factor Sp1; TSFP1**Application** : WB, IHC-P, ICC/IF, FC, IP**Reactivity** : Human**Host species** : Rabbit**Background**

The protein encoded by this gene is a zinc finger transcription factor that binds to GC-rich motifs of many promoters. The encoded protein is involved in many cellular processes, including cell differentiation, cell growth, apoptosis, immune responses, response to DNA damage, and chromatin remodeling. Post-translational modifications such as phosphorylation, acetylation, glycosylation, and proteolytic processing significantly affect the activity of this protein, which can be an activator or a repressor. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2014]

Immunogen

Recombinant protein of human SP1

Gene ID

6667

Swiss Prot

P08047

Synonyms

Transcription factor Sp1; TSFP1

Reactivity

Human

Application

WB, IHC-P, ICC/IF, FC, IP

Recommended dilutionWB: 1:1000
IHC-P: 1:200-1:500
ICC/IF: 1:100
FC: 1:50-1:100
IP: 1:20-1:50**Calculated MW**

81 kDa

Observed MW

90 kDa

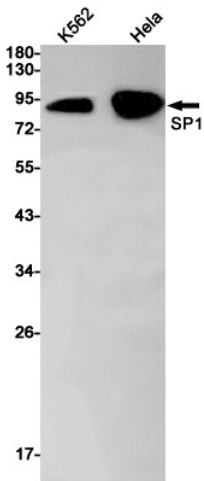
Host species

Rabbit

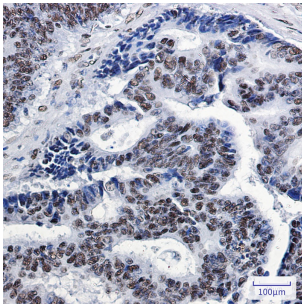
Clonality

Monoclonal

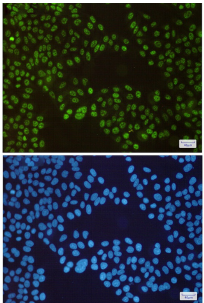
Clonality No.	DGR20064
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of SP1 in K562,HeLa cell lysates using SP1 antibody(1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human colon cancer using db14645 antibody.



Immunofluorescent analysis of HeLa cells using db14645 antibody (green), and DAPI (blue).