

Recombinant

DGRmAb®

## SP1 (DGR19575) Rabbit mAb

db11237

Package : 10µL 20µL 50µL 100µL

**Product Name** : SP1 (DGR19575) Rabbit mAb**Cat.No.:** db11237**Synonyms** : TSFP1**Application** : WB, IHC-P, ICC/IF, FC**Reactivity** : Human, Mouse**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**

A synthetic peptide of human SP1

**Gene ID**

6667

**Swiss Prot**

P08047

**Synonyms**

TSFP1

**Reactivity**

Human, Mouse

**Application**

WB, IHC-P, ICC/IF, FC

**Recommended dilution**

WB: 1:1000-1:5000

IHC-P: 1:100-1:200

ICC/IF: 1:100-1:200

FC: 1:100

**Calculated MW**

81 kDa

**Observed MW**

90 kDa

**Host species**

Rabbit

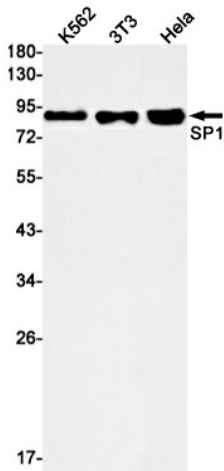
**Clonality**

Monoclonal

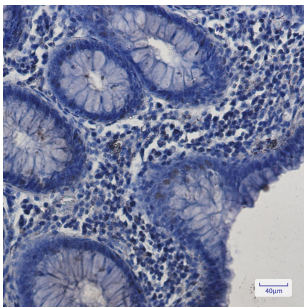
**Clonality No.**

DGR19575

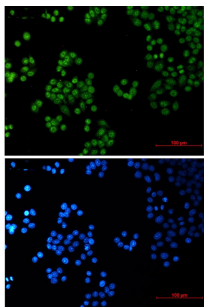
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of SP1 in K562,3T3,HeLa cell lysates using SP1 antibody(1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using db11237 antibody.



Immunofluorescent analysis of HeLa cells using db11237 antibody (green), and DAPI (blue).