

À des fins de recherche uniquement

# Anticorps Monoclonal anti-SP1

Numéro de catalogue: CL594-66508



## Informations de base

Numéro de catalogue: CL594-66508	Numéro d'acquisition GenBank: BC062539	Méthode de purification: Purification par protéine G
Taille: 100ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 6667	CloneNo.: 4G3H3
Hôte: Mouse	Nom complet: Sp1 transcription factor	Dilutions recommandées: IF 1:50-1:500
Isotype: IgG1	MW calculé: 785 aa, 81 kDa	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG16720	MW observés: 95-105 kDa, 60-65 kDa	

## Applications

Applications testées: FC (Intra), IF	Contrôles positifs: IF : cellules HEK-293, tissu de cancer du côlon humain
Spécificité de l'espèce: Humain, rat, souris	

## Informations générales

The transcription factor Sp1 is a C2H2 zinc-finger protein that is involved in the regulation of a wide variety of genes, including housekeeping genes and tumor-developing genes. It is associated with tumor development, growth, and metastasis [PMID: 16209919]. It regulates the expression of a large number of genes involved in a variety of processes such as cell growth, apoptosis, differentiation and immune responses. Besides, it has a role in modulating the cellular response to DNA damage, recruiting SMARCA4/BRG1 on the c-FOS promoter, regulation of FE65 gene expression [PMID:11371615,16332679]. SP1 has some isoforms with MW ~95-106 kDa and ~60 kDa [PMID:17462816].

## Stockage

**Stockage:**  
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

**\*\*\* Les 20ul contiennent 0,1% de BSA.**

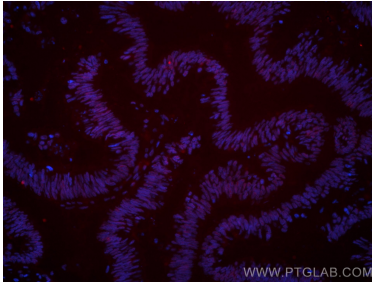
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

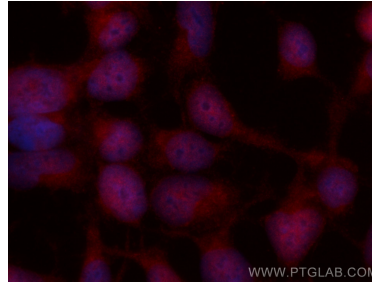
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

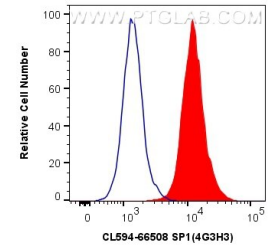
## Données de validation sélectionnées



Immunofluorescent analysis of (4% PFA) fixed human colon cancer tissue using CoraLite®594 SP1 antibody (CL594-66508, Clone: 4G3H3) at dilution of 1:200.



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using CoraLite®594 SP1 antibody (CL594-66508, Clone: 4G3H3) at dilution of 1:200.



1X10<sup>6</sup> HEK-293 cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human SP1 (CL594-66508, Clone:4G3H3) (red), or 0.4 ug CoraLite®594 Mouse IgG1 Isotype Control (MOPC-21) (CL594-65124, Clone: MOPC-21) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).