

A81264Hu01

Polyclonal Antibody to Specificity Protein 1 (Sp1)

Organism: Homo sapiens (Human)

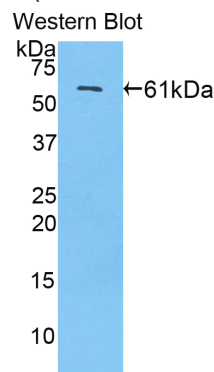
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

6th Edition (Revised in March, 2013)

[PRODUCT INFORMATION]

Immunogen: Sp1, Human
Clonality: Polyclonal
Host: Rabbit
Immunoglobulin Type: IgG
Purification: Affinity Chromatography.
Applications: WB, ICC, IHC-P, IHC-F
Concentration: 200µg/mL
UOM: 100µg



Sample: Recombinant Sp1, Human

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant Sp1 (Leu260~Ala591) expressed in *E. coli*.

USCN Accession No.: P81264Hu01

Sequence: The target protein is fused with two N-terminal Tags, His-tag and GST-tag and its sequence is listed below.

MRNKKFELGL EFPNLPYYID GDVKLTQ SMA IIRYIADKHN MLGGCPKERA EISMLEGAVL
DIRYGVSRIA YSKDFETLKV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD
VVLYMDPMCL DAFPKLVCFK KRIEAIQID KYLKSSKYIA WPLQGQWQATF GGGDHPPKSD
GSTSGSGHHH HHHSAGLVPR GSTAIGMKET AAKFERQHM DSPDLGTLEV L FQ
GPLGSEF- L NGNITLLPVN SVSAATLTPS SQAVTISSSG SQESGSQPVT SGTTISSASL
VSSQASSSSF FTNANSYSTT TTTSNMGIMN FTTSGSSGTN SQGQTPQRVS GLQGS DALNI
QQNQTS GGS L QAGQQKEGEQ NQQTQQQIL IQPQLVQGGQ ALQALQAAPL
SGQTFTTQAI SQETLQNLQL QAVPNSGPII IRTPTVGPNG QVSWQTLQLQ NLQVQNPQAQ
TITLAPMQGV SLGQTSSSNT TLPIASAAS IPAGTVTVNA AQLSSMPGLQ TINLSALGTS
GIQVHPIQGL PLAIANAPGD HGAQLGLHGA GGDGIHDDTA GGEEGENSPD A

Unique product Superb quality Client favorite Nicest service  **ISO9001:2008**;  **ISO13485:2003**;  **CE**

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against Sp1. It has been selected for its ability to recognize Sp1 in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant Sp1 (Leu260~Ala591) disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.
5uL per well when used in enhanced chemiluminescent (ECL).

Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN₃ 0.02%.

[STORAGE]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.