



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## MYC(phospho T358) & MYC Protein Phosphorylation Antibody Pair

Catalog # : DP0144

規格 : [ 1 Set ]

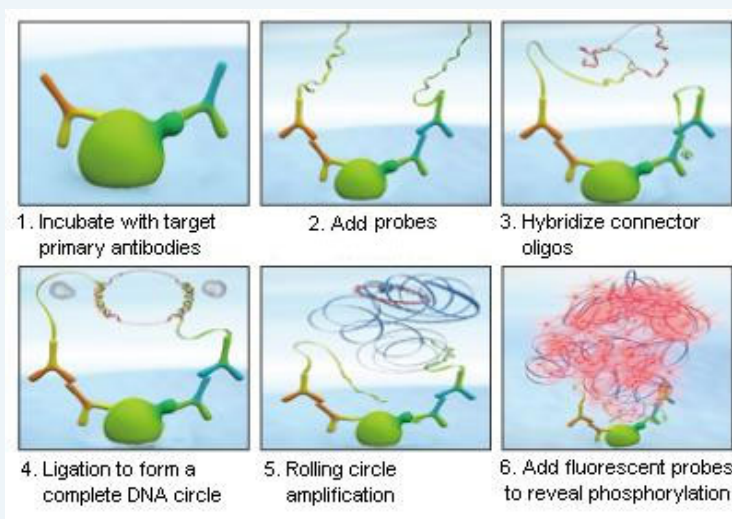
List All

### Specification

**Product Description:** This protein phosphorylation antibody pair set comes with two antibodies, one against the MYC protein, and the other against the specific T358 phosphorylated site of MYC for use in *in situ* Proximity Ligation Assay. See Publication Reference below.

### Application Image

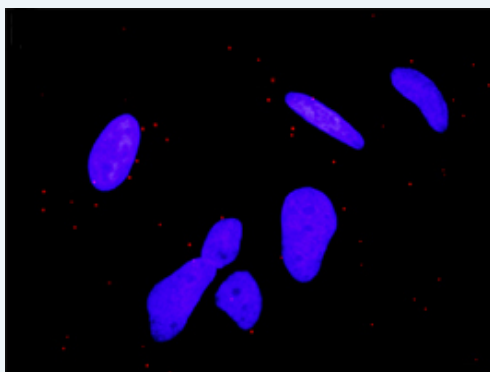
*In situ* Proximity Ligation Assay (Cell)



**Reactivity:** Human

**Quality Control Testing:** Dual recognition immunofluorescence result.

**Testing:**



Representative image of Proximity Ligation Assay of protein phosphorylation. HeLa cells were stained with dual recognition antibody pair set, rabbit polyclonal antibody 1:1200 and mouse monoclonal antibody 1:50. Each red dot represents one single phosphorylated protein. The images were analyzed using an optimized freeware ([BlobFinder](#)) download from The Centre for Image Analysis at Uppsala University.

**Supplied Product:** Antibody pair set content:  
 1. Phospho-MYC T358 rabbit polyclonal antibody (20 ul)  
 In PBS, 150 mM NaCl, pH 7.4 (0.02% sodium azide, 50% glycerol)  
 2. MYC mouse monoclonal antibody (40 ug)  
 In 1x PBS, pH 7.2  
 \*Reagents are sufficient for at least 30-50 assays using recommended protocols.

**Storage** Store reagents of the antibody pair set at -20°C or lower. Please aliquot  
**Instruction:** to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

## Publication Reference

1. [In situ detection of phosphorylated platelet-derived growth factor receptor beta using a generalized proximity ligation method.](#)  
Jarvius M, Paulsson J, Weibrecht I, Leuchowius KJ, Andersson AC, Wahlby C, Gullberg M, Botling J, Sjoblom T, Markova B, Ostman A, Landegren U, Soderberg O.  
Mol Cell Proteomics. 2007 Sep;6(9):1500-9. Epub 2007 Jun 12.
2. [Direct observation of individual endogenous protein complexes in situ by proximity ligation.](#)  
Soderberg O, Gullberg M, Jarvius M, Ridderstrale K, Leuchowius KJ, Jarvius J, Wester K, Hydbring P, Bahram F, Larsson LG, and Landegren U.  
Nat Methods. 2006 Dec;3(12):995-1000. Epub 2006 Oct 29.
3. [Cytokine detection by antibody-based proximity ligation.](#)  
Gullberg M, Gustafsdottir SM, Schallmeiner E, Jarvius J, Bjarnegard M, Betsholtz C, Landegren U, and Fredriksson S.  
Proc Natl Acad Sci U S A. 2004 Jun 1;101(22):8420-4. Epub 2004 May 21.
4. [Protein detection using proximity-dependent DNA ligation assays.](#)  
Fredriksson S, Gullberg M, Jarvius J, Olsson C, Pietras K, Gustafsdottir SM, Ostman A, and Landegren U.  
Nat Biotechnol. 2002 May;20(5):473-7.
5. [Highly specific detection of phosphorylated proteins by Duolink](#)  
Mats Gullberg and Ann-Catrin Andersson  
Nature Methods 6. 2009

## Applications

### *In situ* Proximity Ligation Assay (Cell)

## Gene Information

**Entrez GeneID:** [4609](#)

**Gene Name:** MYC

**Gene Alias:** bHLHe39,c-Myc

**Gene Description:** v-myc myelocytomatosis viral oncogene homolog (avian)

**Omim ID:** [113970](#), [190080](#)

**Gene Ontology:** [Hyperlink](#)

**Gene Summary:** The protein encoded by this gene is a multifunctional, nuclear phosphoprotein that plays a role in cell cycle progression, apoptosis and cellular transformation. It functions as a transcription factor that regulates transcription of specific target genes. Mutations, overexpression, rearrangement and translocation of this gene have been associated with a variety of hematopoietic tumors, leukemias and lymphomas, including Burkitt lymphoma. There is evidence to show that alternative translation initiations from an upstream, in-frame non-AUG (CUG) and a downstream AUG start site result in the production of two isoforms with distinct N-termini. The synthesis of non-AUG initiated protein is suppressed in Burkitt's lymphomas, suggesting its importance in the normal function of this gene. [provided by RefSeq]

**Other Designations:** avian myelocytomatosis viral oncogene homolog,myc proto-oncogene protein,v-myc avian myelocytomatosis viral oncogene homolog

## Gene Pathway

[Acute myeloid leukemia](#) [Bladder cancer](#) [Cell cycle](#) [Chronic myeloid leukemia](#)

[Colorectal cancer](#) [Endometrial cancer](#) [ErbB signaling pathway](#) [Jak-STAT signaling pathway](#)  
[MAPK signaling pathway](#) [Pathways in cancer](#) [Small cell lung cancer](#)  
[TGF-beta signaling pathway](#) [Thyroid cancer](#) [Wnt signaling pathway](#)

#### **Related Disease**

---

[Alzheimer Disease](#) [Alzheimer disease](#) [Breast cancer](#) [Breast Neoplasms](#)  
[Carcinoma, Non-Small-Cell Lung](#) [Carcinoma, Squamous Cell](#) [Cardiovascular Diseases](#)  
[Chromosome Aberrations](#) [Colorectal Neoplasms](#) [Diabetes Complications](#)  
[Disease Progression](#) [Genetic Predisposition to Disease](#) [Helicobacter Infections](#)  
[Hematologic Diseases](#) [Hodgkin Disease](#) [Kidney Failure, Chronic](#) [Lung Neoplasms](#)  
[Lymphoma, B-Cell](#) [Lymphoma, B-Cell, Marginal Zone](#)

... see more

---

[服務條款](#) | [隱私權政策](#) | [著作及商標](#) | [網站地圖](#)

©2016 亞諾法生技股份有限公司 Abnova Corporation. 版權所有.