



SZABO SCANDIC

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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

www.szabo-scandic.com

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



Phosphotyrosine biotin conjugate. Mouse Monoclonal Antibody

BACKGROUND

The role of tyrosine phosphorylation in transduction of the mitogenic signal from transmembrane receptors and in transformation by oncogene tyrosine kinases has been the subject of intense investigation for several years. While the phosphorylation of specific tyrosine residues has been shown to be a primary mechanism of signal transduction during normal mitogenesis, cell cycle progression and oncogenic transformation, its role in other areas such as differentiation and gap junction communication, is a matter of active and ongoing research. Antibodies that specifically recognize phosphorylated tyrosine residues have proved to be invaluable to the study of tyrosine-phosphorylated proteins biochemical pathways in which they function. The biotin conjugate of clone PY20 anti-phosphotyrosine is especially useful for the detection of phosphotyrosyl proteins in western blotting, immunohistochemical and immunocytochemical protocols in situations wherein the use of a secondary antibody would produce unacceptable background signals. In addition, the strength of the biotin-streptavidin interaction and the immense variety of streptavidin-coupled probes available make PY20-biotin a very versatile reagent.

IMMUNOGEN

Hybridoma produced from Balb/C mice immunized with phosphotyrosine coupled to carrier protein.

POSITIVE CONTROL/TISSUE EXPRESSION

COMMENTS

Application: A dilution of 1:5,000 is suggested for western blot or ELISA, 1:500 for immunohistochemistry or immunocytochemistry.

ORDERING INFORMATION

CATALOG NUMBER

X1016

SIZE

100 µg

FORM

Biotin

HOST/CLONE

Mouse Clone PY20

FORMULATION

Provided as sterile filtered solution containing 20 mM sodium phosphate, 150 mM sodium chloride, 50% glycerol at pH 7.5 and 3 mM sodium azide

CONCENTRATION

See vial for concentration

ISOTYPE

IgG2b

APPLICATIONS

Western Blot, Immunoprecipitation, Immunohistochemistry, Enzyme

SPECIES REACTIVITY

Ubiquitous

ACCESSION NUMBER

,

PURIFICATION**SHIP CONDITIONS**

Ship at ambient temperature, freeze upon arrival

STORAGE CUSTOMER

Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles

STABILITY

Products are stable for one year from purchase when stored properly

REFERENCES