



# 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

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**phosphotyrosine peroxidase conjugate. Mouse Monoclonal Antibody**

Mouse anti phosphotyrosine, PY20, HRP conjugate, Horseradish peroxidase conjugate

**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 protein biochemical pathways in which they function. The peroxidase 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 undesirable background signals.

**IMMUNOGEN**

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

**POSITIVE CONTROL/TISSUE EXPRESSION**

**COMMENTS**

Application: A dilution of 1:2,000 is suggested for western blot or ELISA, 1:500 for immunoprecipitation, immunohistochemistry, or immunocytochemistry.

**ORDERING INFORMATION**

**CATALOG NUMBER**

X1018

**SIZE**

200 µg

**FORM**

HRP conjugate

**HOST/CLONE**

Mouse Clone PY20

**FORMULATION**

Provided in 50% glycerol, 0.02M sodium phosphate, pH 7.5, 0.15M sodium chloride

**CONCENTRATION**

See vial for concentration

**ISOTYPE**

IgG2b

**APPLICATIONS**

Western Blot, Immunoprecipitation, Immunohistochemistry, Enzyme

**SPECIES REACTIVITY**

Ubiquitous

**ACCESSION NUMBER**

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**PURIFICATION**

**SHIP CONDITIONS**

Room Temperature

**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**