



90-0100 4 x 20 µg (Total)  
Phosphotyrosine Antibody  
Sampler Pack  
Lot No:

### PHOSPHOTYROSINE ANTIBODY SAMPLER PACK

All of the antibodies in the sampler pack are of the highest grade possible - antigen affinity purified. They are highly specific for phosphorylated tyrosines; exhibiting minimal or no cross-reactivity with either phosphoserine or phosphothreonine. The reactivity of all these antibodies is species independent.

Please inquire about HRP and Sepharose conjugated forms of these antibodies. Once your initial analyses are complete, you will find these conjugated forms instrumental in performing western blots and immunoprecipitations, respectively.

#### FORM:

All antibodies are supplied in phosphate buffered saline, pH 7.4, containing 0.1% sodium azide. All antibodies are antigen affinity-purified from rabbit antiserum or mouse ascites

#### ANTIBODY DESCRIPTION:

Catalog Number	13-6600	13-5900	03-7700	61-5800
Host/Type	Ms/Mono	Ms/Mono	Ms/Mono	Rb/Poly
Clone	PY-Plus™	PY-7E1	PY20	--
Isotype	Cocktail	IgG <sub>1</sub> -kappa	IgG <sub>2b</sub>	--
Quantity	20 µg	20 µg	20 µg	20 µg
Concentration	0.5 mg/ml	0.5 mg/ml	0.5 mg/ml	0.25 mg/ml
<b>USAGE</b>				
ELISA	Yes	Yes	Yes	Yes
Immunoprecipitation	Yes	Yes	Yes	Yes
Western blots	Yes	Yes	Yes	Yes
Approximate dilutions: ELISA (0.1-1 µg/ml), IP (2-5 µg), Western blot (1-2 µg/ml)	PY-Plus™ cocktail includes PY-7E1, PY20			
<b>SPECIES REACTIVITY</b>				
Human	Yes	Yes	Yes	Yes
Mouse	Yes	Yes	Yes	Yes
Rat	ND	ND	Yes	Yes
ND - Not Determined				

#### SUGGESTED POSITIVE CONTROLS:

EGF stimulated A431 cells  
K562 cells  
Mouse brain lysate

#### POSITIVE CONTROLS:

All positive controls should be lysed in buffer containing appropriate protease and phosphatase inhibitors. Invitrogen customer service can provide protocols, if desired. Positive controls should be put in SDS-PAGE buffer (60 mM Tris buffer, 2% SDS, 1% β-mercaptoethanol, 0.003% bromophenol blue, 5% glycerol, pH 6.8). Use 30-50 µg total protein per lane.

#### SUGGESTED INHIBITORS:

Phosphotyrosine Cat # 79-0003 5.0 ml (40 mM) \$40.00  
Phenyl Phosphate Cat # 79-0004 5.0 ml (40 mM) \$25.00

Either of these products can be used to inhibit anti-phosphotyrosine antibody. For western blotting, they should be used at 20 mM.

#### STORAGE:

Store at 2-8°C for up to one month. Store at -20°C for long term storage. Avoid repeated freezing and thawing.

### FOR RESEARCH USE ONLY

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(Rev 12/08) DCC-08-1089

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