

## Datasheet: 140009

<b>Description:</b>	MOUSE ANTI PHOSPHOTYROSINE:RPE
<b>Specificity:</b>	PHOSPHOTYROSINE
<b>Format:</b>	RPE
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	PY20
<b>Isotype:</b>	IgG2b
<b>Quantity:</b>	0.1 mg

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Chemical		
<b>Product Form</b>	Purified IgG conjugated to R. Phycoerythrin (RPE) - liquid		
<b>Max Ex/Em</b>	<b>Fluorophore</b>	<b>Excitation Max (nm)</b>	<b>Emission Max (nm)</b>
	RPE 488nm laser	496	578
<b>Preparation</b>	Antibody purified from ascites		
<b>Buffer Solution</b>	Phosphate buffered saline		
<b>Preservative Stabilisers</b>	<0.1% Sodium Azide (NaN <sub>3</sub> ) Stabilizing agent (sucrose)		
<b>Approx. Protein Concentrations</b>	0.1 mg/ml		
<b>RRID</b>	AB_616874		

<b>Specificity</b>	<b>Mouse anti Phosphotyrosine, Clone PY20</b> , is specific for phosphotyrosine. Phosphorylation of tyrosine residues is considered a key stem in signal transduction and regulation of enzymatic activity.
<b>References</b>	<ol style="list-style-type: none"> <li>Vendel, A.C. <i>et al.</i> (2009) B and T lymphocyte attenuator regulates B cell receptor signaling by targeting Syk and BLNK. <a href="#">J Immunol. 182: 1509-17.</a></li> <li>van der Wel, T. <i>et al.</i> (2020) Chemical genetics strategy to profile kinase target engagement reveals role of FES in neutrophil phagocytosis. <a href="#">Nat Commun. 11 (1): 3216.</a></li> </ol>
<b>Storage</b>	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.
<b>Guarantee</b>	Guaranteed for 12 months from the date of despatch or until the date of expiry, whichever comes first. Please see label for expiry date.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10045 available at: <a href="https://www.bio-rad-antibodies.com/SDS/14000910045">https://www.bio-rad-antibodies.com/SDS/14000910045</a>
<b>Regulatory</b>	For research purposes only

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)  
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