

Datasheet: 140009

Description:	MOUSE ANTI PHOSPHOTYROSINE:RPE
Specificity:	PHOSPHOTYROSINE
Format:	RPE
Product Type:	Monoclonal Antibody
Clone:	PY20
Isotype:	IgG2b
Quantity:	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.

	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.

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

Specificity	Mouse anti Phosphotyrosine, Clone PY20 , is specific for phosphotyrosine. Phosphorylation of tyrosine residues is considered a key stem in signal transduction and regulation of enzymatic activity.
References	<p>1. Vendel, A.C. <i>et al.</i> (2009) B and T lymphocyte attenuator regulates B cell receptor signaling by targeting Syk and BLNK. J Immunol. 182: 1509-17.</p> <p>2. van der Wel, T. <i>et al.</i> (2020) Chemical genetics strategy to profile kinase target engagement reveals role of FES in neutrophil phagocytosis. Nat Commun. 11 (1): 3216.</p>
Storage	<p>Store at +4°C. DO NOT FREEZE.</p> <p>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.</p>
Guarantee	Guaranteed for 12 months from the date of despatch or until the date of expiry, whichever comes first. Please see label for expiry date.
Health And Safety Information	<p>Material Safety Datasheet documentation #10045 available at: https://www.bio-rad-antibodies.com/SDS/140009</p> <p>10045</p>
Regulatory	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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