

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
Buffer Solution	Phosphate buffered saline		
Preservative	0.1% Sodium Azide (NaN ₃)		
Stabilisers	Stabilizing agent		
Approx. Protein Concentrations	0.1 mg/ml		

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 1. Vendel, A.C. *et al.* (2009) B and T lymphocyte attenuator regulates B cell receptor signaling by targeting Syk and BLNK. [J Immunol. 182: 1509-17.](https://doi.org/10.1002/jbm.b.11717)

Storage 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.

Shelf Life Please see label for expiry date

Health And Safety Information Material Safety Datasheet documentation #10331 available at:
10331: <https://www.bio-rad-antibodies.com/uploads/MSDS/10331.pdf>

Regulatory For research purposes only

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