

A6-263-C025

## Monoclonal Antibody to Phosphotyrosine Alexa Fluor® 647 conjugated (0.025 mg)

<b>Clone:</b>	P-Tyr-01
<b>Isotype:</b>	Mouse IgG1
<b>Specificity:</b>	The antibody P-Tyr-01 detects tyrosine phosphorylation in activated cells.
<b>Regulatory Status:</b>	RUO
<b>Immunogen:</b>	Phosphotyrosine conjugated to bovine serum albumin.
<b>Species Reactivity:</b>	Broad
<b>Preparation:</b>	The purified antibody is conjugated with Alexa Fluor® 647 under optimum conditions. The conjugate is purified by size-exclusion chromatography.
<b>Concentration:</b>	1 mg/ml
<b>Storage Buffer:</b>	Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4
<b>Storage / Stability:</b>	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.
<b>Usage:</b>	The reagent is designed for immunofluorescence analysis. Suggested working dilution for flow cytometry is 8 µg/ml. Indicated dilution is recommended starting point for use of this product. Working concentrations should be determined by the investigator.
<b>Expiration:</b>	See vial label
<b>Lot Number:</b>	See vial label
<b>References:</b>	<p>*Cebecauer M. et al., Biochem. Biophys. Res. Commun. 243, 706 (1998).</p> <p>*Brdicka T. et al., Biochem. Biophys. Res. Commun. 248, 356 (1998).</p> <p>*Brdicka T, Pavlistova D, Leo A, Bruyns E, Korinek V, Angelisova P, Scherer J, Shevchenko A, Hilgert I, Cerny J, Drbal K, Kuramitsu Y, Kornacker B, Horejsi V, Schraven B: Phosphoprotein associated with glycosphingolipid-enriched microdomains (PAG), a novel ubiquitously expressed transmembrane adaptor protein, binds the protein tyrosine kinase csk and is involved in regulation of T cell activation. J Exp Med. 2000 May 1;191(9):1591-604.</p> <p>*Meraner P, Horejsi V, Wolpl A, Fischer GF, Stingl G, Maurer D: Dendritic cells sensitize TCRs through self-MHC-mediated Src family kinase activation. J Immunol. 2007 Feb 15;178(4):2262-71.</p> <p>*Brdicka T, Imrich M, Angelisová P, Brdicková N, Horváth O, Spicka J, Hilgert I, Lusková P, Dráber P, Novák P, Engels N, Wienands J, Simeoni L, Osterreicher J, Aguado E, Malissen M, Schraven B, Horejsi V: Non-T cell activation linker (NTAL): a transmembrane adaptor protein involved in immunoreceptor signaling. J Exp Med. 2002 Dec 16;196(12):1617-26.</p>

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EXBIO Praha | Nad Safinou II 341 | 252 42 Vestec u Prahy | Czech Republic  
Tel: +420 261 090 666 | Fax: +420 261 090 660 | [orders@exbio.cz](mailto:orders@exbio.cz) | [www.exbio.cz](http://www.exbio.cz)