

## Mouse Monoclonal Antibody to PAK2

<b>Catalogue Number</b>	sAP-0296
<b>Target Molecule</b>	<p><b>Name: PAK2</b></p> <p><b>Aliases:</b> PAK65; PAKgamma</p> <p><b>MW:</b> 61kDa</p> <p><b>Entrez Gene ID:</b> 5062</p>
<b>Description</b>	<p>PAK2, also known as P21 (CDKN1A)-activated kinase 2. The p21 activated kinases (PAK) are critical effectors that link Rho GTPases to cytoskeleton reorganization and nuclear signaling. The PAK proteins are a family of serine/threonine kinases that serve as targets for the small GTP binding proteins, CDC42 and RAC1, and have been implicated in a wide range of biological activities. PAK2 is activated by proteolytic cleavage during caspase-mediated apoptosis, and may play a role in regulating the apoptotic events in the dying cell. PAK2 has been shown to interact with SH3KBP1, CDC42 and Abl gene.</p>
<b>Immunogen</b>	Purified recombinant fragment of PAK2 expressed in E. Coli.
<b>Reactive Species</b>	Human; Monkey
<b>Clone</b>	MM3B5;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. J Immunol. 2004 Jun 15;172(12):7324-34. ; 2. J Mol Biol. 2007 Jul 20;370(4):620-32.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**