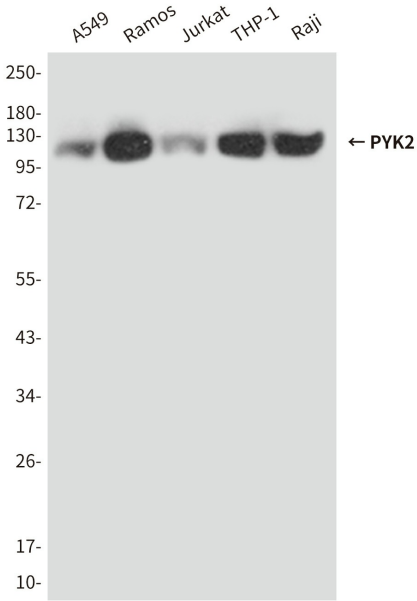
	<h1>PYK2 (4B4) Mouse mAb</h1>	E 2 2 2 2 0 2 1 4
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Swiss-Prot No.:	Q14289
Altername:	PTK2B; FAK2; PYK2; RAFT K; Protein-tyrosine kinase 2-beta; Calcium-dependent tyrosine kinase; CADTK; Calcium-regulated non-receptor proline-rich tyrosine kinase; Cell adhesion kinase beta; CAK-beta; CAKB; Focal adhesion kinase 2; FADK 2; Pro
Storage/Stability:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Immunogen:	Purified recombinant fragment of PYK2 (aa815-997) expressed in E. Coli.
Purification:	Ascitic Fluid
Reactivity:	Human
Other Names:	PKB; PTK; CAKB; FAK2; FRNK; PTK2B
Background:	<p>PYK2 a nonreceptor tyrosine kinase of the Fak family. Predominantly expressed in the cells derived from hematopoietic lineages and in the central nervous system.</p> <p>PYK2 is one of the signaling mediators for G-protein-coupled receptors. Involved in calcium induced regulation of ion channel and activation of the map kinase signaling pathway. Interacts with the SH2 domain of Grb2.</p>
Gene ID:	2185
Cellular	Cell junction, Cell membrane, Cell projection, Cytoplasm,

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Localization:	Membrane, Nucleus
Source:	Mouse
Antibody type:	Monoclonal Antibody
Isotype:	IgG2a
Molecular Weight:	Calculated MW: 116 kDa; Observed MW: 116 kDa
Preservative:	Ascitic fluid containing 0.03% sodium azide.
Recommended Dilutions:	WB: 1/500-1/1000 IHC: 1/50-1/100
Clone Number:	4B4-D0-F3
Product Type:	Primary Antibody
Applications:	WB,IHC-P
Gene Name:	PTK2B
Form of Antibody:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
	 <p>Western blot analysis of PTK2B (PYK2) in various cell lines. The blot shows bands for A549, Ramos, Jurkat, THP-1, and Raji cell lines. Molecular weight markers are indicated on the left (250, 180, 130, 95, 72, 55, 43, 34, 26, 17, 10 kDa). A band is labeled 'PYK2' on the right.</p>

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	Western blot analysis of Pyk2 in A549, Ramos, Jurkat, THP-1 and Raji lysates using Pyk2 antibody.
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