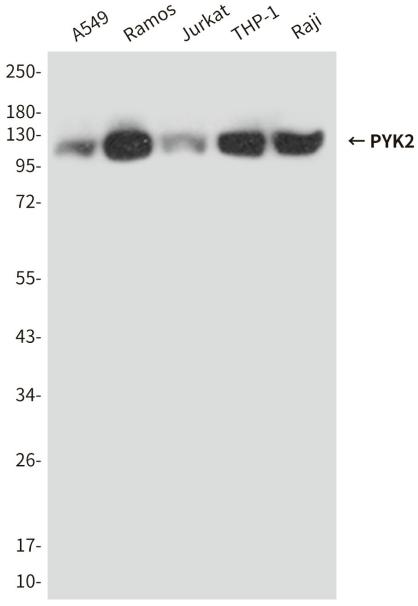


Swiss-Prot No.:	Q14289
Alternative:	PTK2B; FAK2; PYK2; RAFTK; Protein-tyrosine kinase 2-beta; Calcium-dependent tyrosine kinase; CADTK; Calcium-regulated non-receptor proline-rich tyrosine kinase; Cell adhesion kinase beta; CAK-beta; CAKB; Focal adhesion kinase 2; FADK 2; Pro
Storage/Stability:	Store 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:	PYK2 a nonreceptor tyrosine kinase of the Fak family. Predominantly expressed in the cells derived from hematopoietic lineages and in the central nervous system. 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.
Gene ID:	2185
Cellular	Cell junction, Cell membrane, Cell projection, Cytoplasm,

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.
	

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