

Anti-PYK2 Mouse mAb

Purified Mouse Monoclonal Antibody

Catalog # M013720

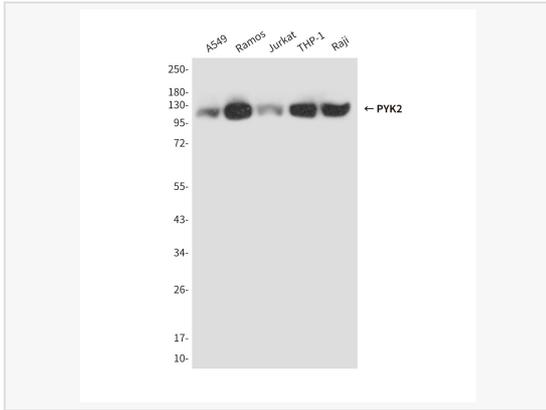
Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100
Host	Mouse
Clonality	Monoclonal
Clone No.	91L08L93
Isotype	IgG2a
Label	Unconjugated
Immunogen	Purified recombinant fragment of PYK2 expressed in E. Coli.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Ascitic Fluid
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-PYK2 antibody [91L08L93] is for research use only and not for use in diagnostic or therapeutic procedures.

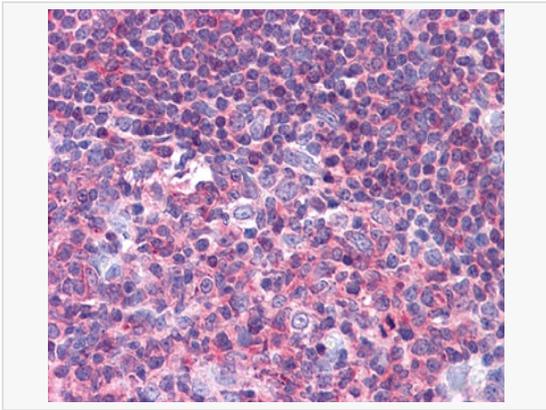
Protein Information

Synonyms	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.
Calculated MW	Calculated MW: 116 kDa; Observed MW: 116 kDa
Uniprot ID	Q14289
Gene ID	2185
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.

Validation Images



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



Immunohistochemistry analysis of paraffin-embedded Human Tonsil tissues using PYK2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.