

## Anti-PYK2 Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R011784

### Product Information

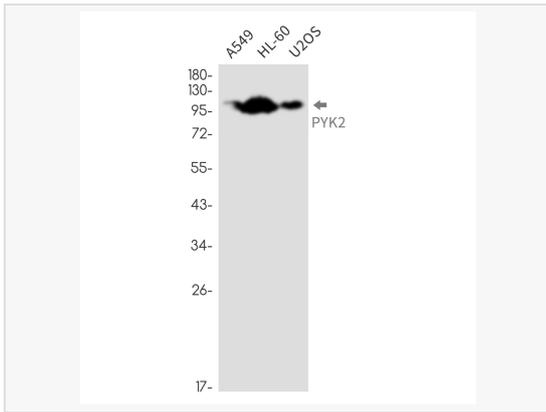
Application	ELISA, IP, WB, IHC-P/IF (Tissue-P)
Reactivity	Human
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IP 1:20
Host	Rabbit
Clonality	Monoclonal
Clone No.	76L19L68
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human PYK2
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
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 [76L19L68] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

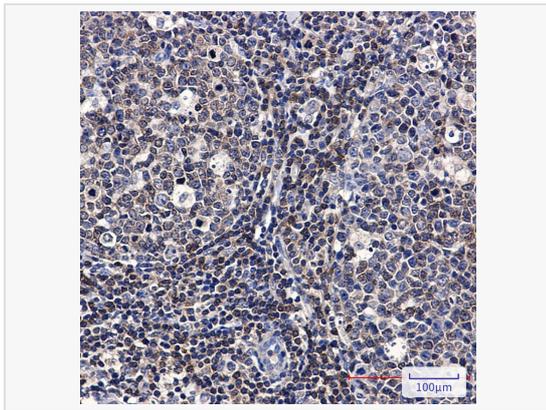
Synonyms	PTK2B, FAK2, PYK2, RAFTK, Protein-tyrosine kinase 2-beta, Calcium-dependent tyrosine kinase, CADTK, Calcium-regulated non-receptor proline-rich tyrosine kinase, Cell adhesion kinase beta, CAK-beta, CAKB, Focal adhesion kinase 2, FADK 2, Pro.
Calculated MW	Calculated MW: 116 kDa; Observed MW: 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, HL-60, U2OS lysates using PYK2 antibody.



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