
Product Name: PYK2 (4B4) Mouse Monoclonal Antibody**Catalog #: AMM03569**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG2a
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Ascitic Fluid

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100
Molecular Weight	Calculated MW: 116 kDa; Observed MW: 116 kDa

Antigen Information

Gene Name	PTK2B PTK2B; FAK2; PYK2; RAFTK; Protein-tyrosine kinase 2-beta; Calcium-dependent tyrosine
Alternative Names	kinase; CADTK; Calcium-regulated non-receptor proline-rich tyrosine kinase; Cell adhesion kinase beta; CAK-beta; CAKB; Focal adhesion kinase 2; FADK 2; Pro
Gene ID	2185
SwissProt ID	Q14289
Immunogen	A synthetic peptide of human PYK2

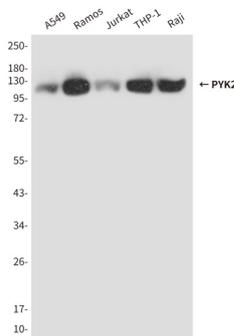
Background

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.

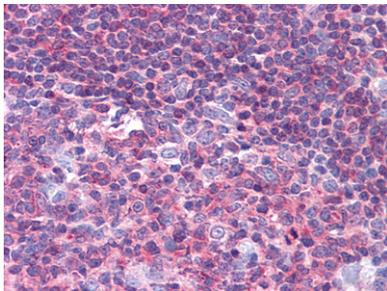
Research Area

Signal Transduction

Image Data



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.