

Anti-BMX Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

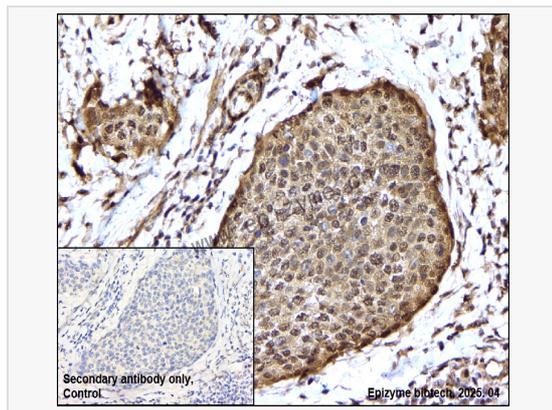
Catalog # R015217

Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	79P23C24
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human BMX
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
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-BMX Rabbit mAb [79P23C24] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	Bmx; BMX non receptor tyrosine kinase; BMX_HUMAN; BONE MARROW KINASE, X-LINKED; Bone marrow tyrosine kinase gene in chromosome X protein; Cytoplasmic tyrosine protein kinase BMX; Cytoplasmic tyrosine-protein kinase BMX; Epithelial and endothelial tyrosine kinase; ETK; NKT38; NTK 38; NTK38; Protein tyrosine kinase BMX; PSCTK 2; PSCTK 3; PSCTK2; PSCTK3.
Calculated MW	Calculated MW: 78 kDa; Observed MW: 78 kDa
Uniprot ID	P51813
Gene ID	660
Background	This gene encodes a non-receptor tyrosine kinase belonging to the Tec kinase family. The protein contains a PH-like domain, which mediates membrane targeting by binding to phosphatidylinositol 3,4,5-triphosphate (PIP3), and a SH2 domain that binds to tyrosine-phosphorylated proteins and functions in signal transduction. The protein is implicated in several signal transduction pathways including the Stat pathway, and regulates differentiation and tumorigenicity of several types of cancer cells. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Mar 2016]
Cellular Location	Cytoplasm.
Tissue Location	Preferentially expressed in epithelial and endothelial cells.



Immunohistochemistry - Anti-BMX Rabbit mAb [79P23C24]

Sample: Paraformaldehyde-fixed, paraffin embedded human cervical cancer tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R015217 at 1:200 dilution

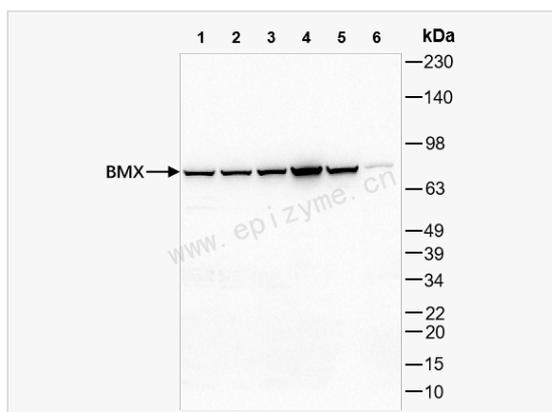
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Western Blot - Anti-BMX Rabbit mAb [79P23C24]

All lanes: R015217 at 1:1,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 4: 293T (Human embryonic kidney cell) whole cell lysates

Lane 5: Raw264.7 (Mouse mononuclear macrophage leukemia cell) whole cell lysates

Lane 6: PC-12 (Rat adrenal pheochromocytoma epithelial cell) whole cell lysates

Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 78 kDa

Observed band size: 78 kDa

Developed using the ECL technique (Cat. No. SQ201).