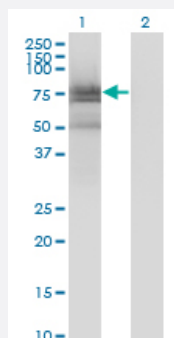


# BMX monoclonal antibody (M01), clone 3G3

Catalog # H00000660-M01

Size 100 ug

## Applications

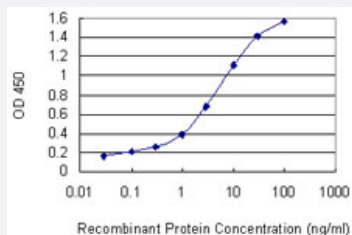


### Western Blot (Transfected lysate)

Western Blot analysis of BMX expression in transfected 293T cell line by BMX monoclonal antibody (M01), clone 3G3.

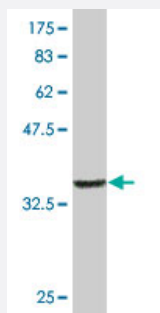
Lane 1: BMX transfected lysate (Predicted MW: 78.011 KDa).

Lane 2: Non-transfected lysate.



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged BMX is 0.03 ng/ml as a capture antibody.



Western blot detection against Immunogen (40.15 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant BMX.

<b>Immunogen</b>	BMX (AAH16652, 150 a.a. ~ 280 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	ANLHTAVNEEKHRVPTFPDRVLKIPRAVPVLKMDAPSSSTTLAQYDNESKKNYGSQPPSSSTSLAQYDSNSKKYGSQPNFNMQYIPREDFPDWWQVRKLKSSSSSEDVASSNQKERNVNHHTTSKISWEFP
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (58); Rat (55)
<b>Isotype</b>	IgG2b Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (40.15 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

Western Blot analysis of BMX expression in transfected 293T cell line by BMX monoclonal antibody (M01), clone 3G3.

Lane 1: BMX transfected lysate (Predicted MW: 78.011 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged BMX is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — BMX

Entrez GeneID	<a href="#">660</a>
GeneBank Accession#	<a href="#">BC016652</a>
Protein Accession#	<a href="#">AAH16652</a>
Gene Name	BMX
Gene Alias	ETK, PSCTK2, PSCTK3
Gene Description	BMX non-receptor tyrosine kinase
Omim ID	<a href="#">300101</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	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. Multiple alternatively spliced variants, encoding the same protein, have been identified
Other Designations	OTTHUMP00000022964 OTTHUMP00000022965 OTTHUMP00000022966

## Disease

- [HIV Infections](#)
- [Lymphoproliferative Disorders](#)
- [Myelodysplastic Syndromes](#)