

## Phospho-BTK(Y223) Rabbit mAb

Catalog No: #13374

Package Size: #13374-1 50ul #13374-2 100ul

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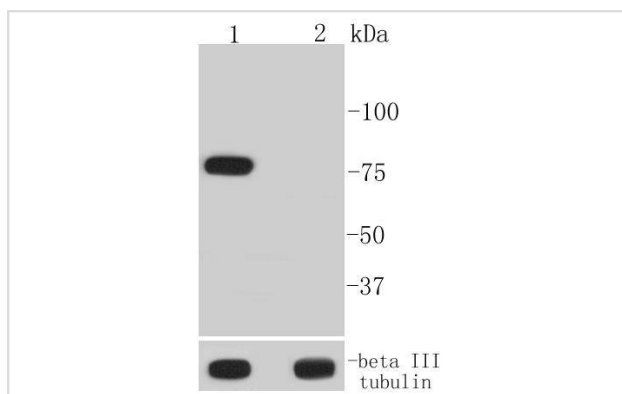
## Description

Product Name	Phospho-BTK(Y223) Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Clone No.	ST51-05
Purification	ProA affinity purified
Applications	WB, IP
Species Reactivity	Hu
Immunogen Description	Synthetic phospho-peptide corresponding to residues surrounding Tyr223 of human BTK.
Other Names	Agammaglobulinaemia tyrosine kinase antibody AGMX 1 antibody AGMX1 antibody AT antibody ATK antibody B cell progenitor kinase antibody B-cell progenitor kinase antibody BPK antibody Bruton agammaglobulinemia tyrosine kinase antibody Bruton tyrosine kinase antibody Brutons Tyrosine Kinase antibody Btk antibody BTK_HUMAN antibody dominant-negative kinase-deficient Brutons tyrosine kinase antibody IMD 1 antibody IMD1 antibody MGC126261 antibody MGC126262 antibody OTTHUMP00000063593 antibody PSCTK 1 antibody PSCTK1 antibody truncated Bruton agammaglobulinemia tyrosine kinase antibody Tyrosine protein kinase BTK antibody Tyrosine-protein kinase BTK antibody tyrosine-protein kinase BTK isoform (lacking exon 14 antibody XLA antibody
Accession No.	Swiss-Prot#:Q06187
Uniprot	Q06187
GeneID	695;
Calculated MW	76 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

## Application Details

WB: 1:1,000-1:2,000

## Images



Western blot analysis of Phospho-BTK(Y223) on different lysates using anti-Phospho-BTK(Y223) antibody at 1/1,000 dilution. Positive control:

Lane 1: K562 cells treated with pervanadate

Lane 2: Untreated K562 cell lysate

## Background

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The Tec family of non-receptor tyrosine kinases is composed of six proteins designated Tec, Emt (also known as Itk or Tsk), Btk (previously known as Atk, BPK or Emb), Bmx, Txk (also known as Rlk) and Dsrc28C. All members of the family contain SH3 and SH2 domains and, with the exception of Txk and Dsrc28C, also contain a pleckstrin homology (PH) and a Tec homology (TH) domain in their amino termini. Four alternatively spliced forms of Tec are found to be expressed broadly in cells of hematopoietic lineage and hepatocytes. The Emt gene product associates with CD28 and becomes activated subsequent to CD28 ligation. Btk is necessary for proper B cell development, and mutations in the gene encoding Btk have been associated with families suffering from X-linked agammaglobulinemia, also referred to as Brutons disease. The Bmx protein shares a high degree of homology with Btk and seems to be expressed at highest levels in the heart. Txk expression is T cell-specific, while expression of the Drosophila Tec homolog, Dsrc28C, is developmentally regulated.

## References

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Note: This product is for in vitro research use only