

# Phospho-BTK-Y223 Rabbit mAb

Catalog No.: AP1136 **Recombinant**

## Basic Information

### Observed MW

77kDa

### Calculated MW

76kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human

### CloneNo number

ARC0307

## Background

The protein encoded by this gene plays a crucial role in B-cell development. Mutations in this gene cause X-linked agammaglobulinemia type 1, which is an immunodeficiency characterized by the failure to produce mature B lymphocytes, and associated with a failure of Ig heavy chain rearrangement. Alternative splicing results in multiple transcript variants encoding different isoforms.

## Recommended Dilutions

WB 1:100 - 1:500

## Immunogen Information

### Gene ID

695

### Swiss Prot

Q06187

### Immunogen

A synthetic phosphorylated peptide around Y223 of human BTK (Q06187).

### Synonyms

AT; ATK; BPK; XLA; IMD1; AGMX1; IGHD3; PSCTK1; Phospho-BTK-Y223

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

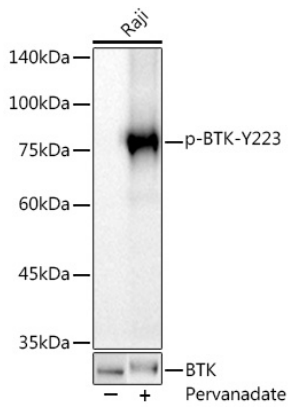
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of lysates from Raji cells, using Phospho-BTK-Y223 Rabbit mAb (AP1136) at 1:500 dilution. Raji cells were treated by Pervanadate (1 mM) at 37°C for 30 minutes.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 60s.