

A0500

Leader in Biomolecular Solutions for Life Science



# BTK Mouse mAb

Catalog No.: A0500

## Basic Information

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### Observed MW

80kDa

### Calculated MW

76kDa

### Category

SMab Recombinant Monoclonal Antibody

### Applications

WB,IP,ELISA

### Cross-Reactivity

Human

## Background

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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

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WB 1:500 - 1:2000

IP 1:20 - 1:50

## Immunogen Information

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### Gene ID

695

### Swiss Prot

Q06187

### Immunogen

Recombinant protein of human BTK

### Synonyms

AT; ATK; BPK; XLA; IMD1; AGMX1; IGHD3; PSCTK1; BTK

## Contact

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[www.abclonal.com](http://www.abclonal.com)

## Product Information

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### Source

Mouse

### Isotype

IgG

### Purification

Affinity purification

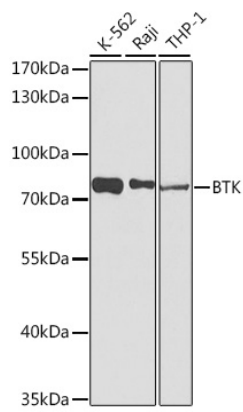
### Storage

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

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

## Validation Data

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Western blot analysis of various lysates using BTK Mouse mAb (A0500) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.