

# BTK Mouse Monoclonal Antibody



CAB0500

## Product Information

### Size:

50uL, 100uL, 200uL

### Observed MW:

80kDa

### Calculated MW:

76kDa/79kDa

### Applications:

WB IP

### Reactivity:

Human

## Protein 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.

## Immunogen information

### Gene ID:

695

### Uniprot

Q06187

### Synonyms:

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

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IP 1:20 - 1:50

### Source:

Mouse

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

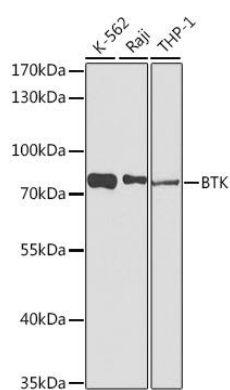
Recombinant protein of human BTK

### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts of various cell lines, using BTK antibody (CAB0500) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (CABS003) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.