

A19002

Leader in Biomolecular Solutions for Life Science



BTK Rabbit mAb

Catalog No.: A19002 **Recombinant** **4 Publications**

Basic Information

Observed MW

76kDa

Calculated MW

76kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

WB,IHC-P,IF/ICC,ELISA

Cross-Reactivity

Human,Mouse

CloneNo number

ARC0485

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	1:500 - 1:1000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

695

Swiss Prot

Q06187

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 560-659 of human BTK (Q06187).

Synonyms

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

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

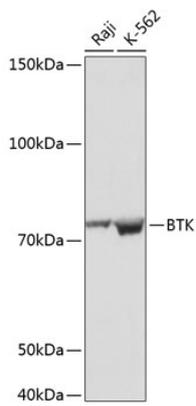
Affinity purification

Storage

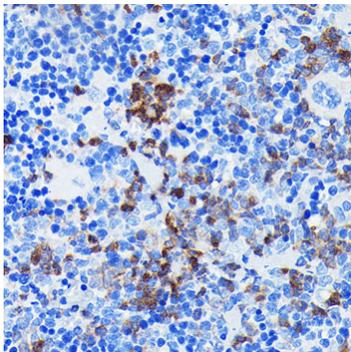
Store at -20°C. Avoid freeze / thaw cycles.

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

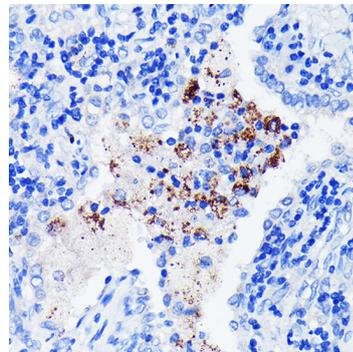
Validation Data



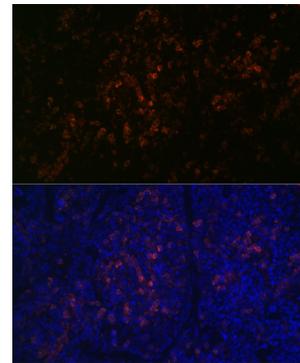
Western blot analysis of extracts of various cell lines, using BTK antibody (A19002) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 3min.



Immunohistochemistry analysis of paraffin-embedded mouse spleen using BTK Rabbit mAb (A19002) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded human lung cancer using BTK Rabbit mAb (A19002) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunofluorescence analysis of mouse spleen using BTK Rabbit mAb (A19002) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.