

Mouse anti-Human BTK Monoclonal Antibody | anti-BTK antibody

BTK Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320338	Mouse	Human	Immunoprecipitation, Western Blot

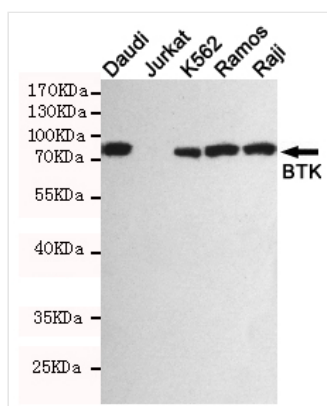
PRODUCT SYNONYMS

BTK; Monoclonal Antibody; BTK Mouse mAb; Agammaglobulinaemia tyrosine kinase; AGMX 1; AGMX1; AT; ATK; B cell progenitor kinase; B-cell progenitor kinase; BPK; Bruton agammaglobulinemia tyrosine kinase; Bruton tyrosine kinase; Bruton's Tyrosine Kinase; Btk; BTK_HUMAN; IMD 1; IMD1; MGC126261; MGC126262; OTTHUMP00000063593; PSCTK 1; PSCTK1; Tyrosine protein kinase BTK; Tyrosine-protein kinase BTK; XLA; anti-BTK antibody

PRODUCT SPECIFICATIONS

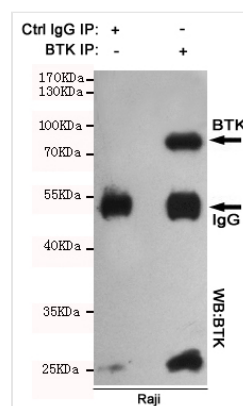
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	This antibody detects endogenous levels of BTK and does not cross-react with related proteins.
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-BTK antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Purified recombinant human BTK protein fragments expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IP (Immunoprecipitation)

Immunoprecipitation analysis of Raji cell lysates using BTK mouse mAb.



WB (Western Blot)

Western blot detection of BTK in Daudi, Jurkat (BTK negative), K562, Ramos and Raji cell lysates using BTK mouse mAb (1:1000 diluted). Predicted band size: 77KDa. Observed band size: 77KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-BTK antibody	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. [provided by RefSeq, Dec 2013]
Product Categories/Family for anti-BTK antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557377
NCBI GeneID	695
NCBI Accession #	NP_000052.1
NCBI GenBank Nucleotide #	NM_000061.2
UniProt Accession #	Q06187; Q32ML5
Molecular Weight	80kDa
NCBI Official Full Name	tyrosine-protein kinase BTK
NCBI Official Synonym Full Names	Bruton agammaglobulinemia tyrosine kinase
NCBI Official Symbol	BTK
NCBI Official Synonym Symbols	AT; ATK; BPK; XLA; IMD1; AGMX1; PSCTK1
NCBI Protein Information	tyrosine-protein kinase BTK; B-cell progenitor kinase; agammaglobulinaemia tyrosine kinase; tyrosine-protein kinase BTK isoform (lacking exon 14); dominant-negative kinase-deficient Brutons tyrosine kinase
UniProt Protein Name	Tyrosine-protein kinase BTK
UniProt Gene Name	BTK
UniProt Synonym Gene Names	AGMX1; ATK; BPK; ATK; BPK
UniProt Entry Name	BTK_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/btk-antibody-immunoprecipitation-western-blot-elisa/320338>