

Product Name: BTK (5B12) Mouse Monoclonal Antibody
Catalog #: AMM03455



Summary

Production Name	BTK (5B12) Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,IP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Immunogen

Gene Name	BTK
Alternative Names	BTK; AGMX1; ATK; BPK; Tyrosine-protein kinase BTK; Agammaglobulinaemia tyrosine kinase; ATK; B-cell progenitor kinase; BPK; Bruton tyrosine kinase
Gene ID	695
SwissProt ID	Q06187.

Application

Dilution Ratio	WB: 1:500-1:1000 IP: 1:20
Molecular Weight	Calculated MW: 76 kDa; Observed MW: 76 kDa

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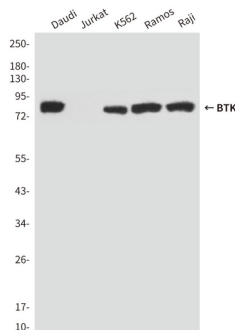
Background

Defects in the Bruton tyrosine kinase (BTK) gene cause Agammaglobulinemia. Agammaglobulinemia is an X-linked immunodeficiency characterized by failure to produce mature B lymphocyte cells and associated with a failure of Ig heavy chain rearrangement.

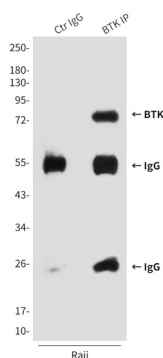
Research Area

Signal Transduction

Image Data



Western blot analysis of BTK in Daudi, Jurkat(BTK negative), K562, Ramos and Raji lysates using BTK antibody.



Immunoprecipitation analysis of BTK (5B12) in Raji lysates using BTK antibody.

Note

For research use only.