

BTK (5B12) MOUSE MAB

Cat.#: N261049

Product Name: Anti-BTK (5B12) Mouse Monoclonal Antibody

Synonyms: BTK; AGMX1; ATK; BPK; Tyrosine-protein kinase BTK; Agammaglobulinaemia tyrosine kinase; ATK; B-cell progenitor kinase; BPK; Bruton tyrosine kinase

UNIPROT ID: Q06187

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.

Immunogen: Purified recombinant human BTK protein fragments expressed in E.coli.

Applications: WB,IP

Recommended Dilutions: WB: 1/500-1/1000 IP: 1/20

Host Species: Mouse

Clonality: Mouse Monoclonal

Clone ID: 5B12-C9-F10

MW: Calculated MW: 76 kDa; Observed MW: 76 kDa

Isotype: IgG1

Purification: Affinity Purified

Species Reactivity: Human

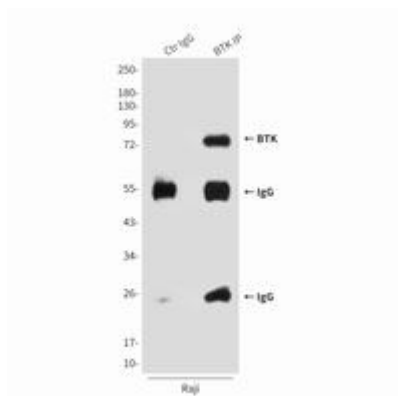
Conjugation: Unconjugated

Modification: Unmodified

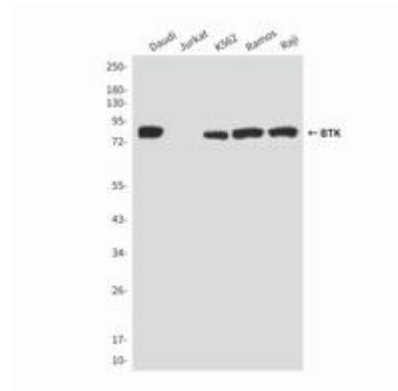
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Signal Transduction

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



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



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