



BTK (Phospho-Tyr223) Antibody

E11-0054A

Catalog Number: E11-0054A

Amount: 100 μ g/100 μ l

Swiss-Prot No.: Q06187

All Names: AGMX1, ATK, Agammaglobulinaemia tyrosine kinase, B cell progenitor kinase, BPK, Bruton's tyrosine kinase, EC 2.7.10.2, Kinase EMB, kinase Btk

All Sites: Human: Tyr223; Mouse: Tyr223; Rat: Tyr224

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human BTK around the phosphorylation site of tyrosine 223 (A-L-Y^P-D-Y).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

Specificity/Sensitivity: BTK (phospho-Tyr223) antibody detects endogenous levels of BTK only when phosphorylated at tyrosine 223.

Reactivity: Human, Mouse, Rat

Applications: WB: 1:500~1:1000 ELISA: 1:40000

References: Sulekha Verma, J. Biol. Chem., Feb 2001; 276: 4671 - 4676.

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