

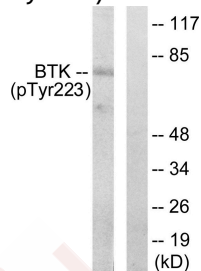
Anti-Phospho-BTK (Tyr223) Polyclonal Antibody

Product Details

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|-------------------|--|
| Ig Type: | IgG |
| Reactivity: | Human,Mouse |
| Conjugation: | Unconjugated |
| Molecular Weight: | Actual: 80 kDa. |
| Purification: | Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide. |

Applications

Verified Activity: 1. Western blot analysis of extracts from Hela cells treated with serum using BTK (phospho-Tyr223) Antibody TMAC-00484. The lane on the right is treated with the antigen-specific peptide.



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| Application: | WB |
| Recommended | WB: 1:500-1000 |

Properties

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| Stability & Storage: | Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping: | Shipping with blue ice. |

Antigen Details

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| Immunogen: | Peptide sequence around phosphorylation site of tyrosine 223 (A-L-Y(p)-D-Y) derived from Human BTK |
| Antigen Species: | human |
| Uniprot ID: | Q06187 |
| Synonyms: | p-BTK (Y223);BTK (p-Tyr223);p-BTK (Tyr223);BTK (p-Y223) |

Research Background

Non-receptor tyrosine kinase indispensable for B lymphocyte development, differentiation and signaling. Binding of antigen to the B-cell antigen receptor (BCR) triggers signaling that ultimately leads to B-cell activation. After BCR engagement and activation at the plasma membrane, phosphorylates PLCG2 at several sites, igniting the downstream signaling pathway through calcium mobilization, followed by activation of the protein kinase C (PKC) family members. PLCG2 phosphorylation is performed in close cooperation with the adapter protein B-cell linker

protein BLNK.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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