

Phospho-Btk (Y551) Polyclonal Antibody

Description

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| Product type | Primary Antibody |
| Code | BT-PHS00288 |
| Host | Rabbit |
| Isotype | IgG |
| Size | 20ul, 50ul, 100ul |
| Immunogen | The antiserum was produced against synthesized peptide derived from human BTK around the phosphorylation site of Tyr551. AA range:516-565 |
| Mol wt | 76150 |
| Species reactivity | Human, mouse, rat |
| Clonality | Polyclonal |
| Recommended application | WB, ELISA |
| Concentration | 1 mg/ml |
| Full name | Phospho-Btk (Y551) Antibody |
| Synonyms | BTK; AGMX1; ATK; BPK; Tyrosine-protein kinase BTK; Agammaglobulinaemia tyrosine kinase; ATK; B-cell progenitor kinase; BPK; Bruton tyrosine kinase |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Bruton tyrosine kinase encoded by BTK plays a crucial role in B-cell development. Mutations in BTK 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.

Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 40000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for one year

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