

## BTK (Phospho-Tyr551) Conjugated Antibody

Catalog No: #C14198



Package Size: #C14198-AF350 100ul #C14198-AF405 100ul #C14198-AF488 100ul  
 #C14198-AF555 100ul #C14198-AF594 100ul #C14198-AF647 100ul  
 #C14198-AF680 100ul #C14198-AF750 100ul #C14198-Biotin 100ul

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## Description

|                       |  |
|-----------------------|--|
| Product Name          | BTK (Phospho-Tyr551) Conjugated Antibody   |
| Host Species          | Rabbit   |
| Clonality             | Monoclonal   |
| Isotype               | Rabbit IgG   |
| Purification          | Affinity-chromatography  |
| Species Reactivity    | Human  |
| Specificity           | Phospho-BTK (Y551) Antibody detects endogenous levels of Phospho-BTK (Y551)  |
| Immunogen Description | A synthesized peptide derived from human Phospho-BTK (Y551)  |
| Conjugates            | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750   |
| Other Names           | BTK, AGMX1, AT, ATK, XLA, PSCTK1, B-cell progenitor kinase, BPK, Bruton tyrosine kinase, Tyrosine-protein kinase BTK, IMD1;  |
| Accession No.         | Uniprot:Q06187   |
| Uniprot               | Q06187   |
| Excitation Emission   | AF350: 346nm/442nm<br>AF405: 401nm/421nm<br>AF488: 493nm/519nm<br>AF555: 555nm/565nm<br>AF594: 591nm/614nm<br>AF647: 651nm/667nm<br>AF680: 679nm/702nm<br>AF750: 749nm/775nm |
| Calculated MW         | 74kDa  |
| Storage               | Store at 4°C in dark for 6 months  |

## Application Details

## Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250  
 AF405 conjugated: most applications: 1: 50 - 1: 250  
 AF488 conjugated: most applications: 1: 50 - 1: 250  
 AF555 conjugated: most applications: 1: 50 - 1: 250  
 AF594 conjugated: most applications: 1: 50 - 1: 250  
 AF647 conjugated: most applications: 1: 50 - 1: 250  
 AF680 conjugated: most applications: 1: 50 - 1: 250  
 AF750 conjugated: most applications: 1: 50 - 1: 250

## Product Description

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Bruton's tyrosine kinase (Btk) is a member of the Btk/Tec family of cytoplasmic tyrosine kinases. Like other Btk family members, it contains a pleckstrin homology (PH) domain and Src homology SH3 and SH2 domains. Btk plays an important role in B cell development. Activation of B cells by various ligands is accompanied by Btk membrane translocation mediated by its PH domain binding to phosphatidylinositol-3,4,5-trisphosphate.

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Note: This product is for in vitro research use only