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[Primary Antibody]

Recombinant Rabbit Anti-BTK (p-Y551) Monoclonal Antibody

Catalog Number: SLA2963M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	5C12
GeneID:	695
SWISS:	Q06187
Target:	BTK (p-Y551)
Immunogen:	A synthesized peptide derived from human BTK around the phosphorylation site of Y551
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:1000-2000) ICC/IF (1:50-200) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human
Predicted MW.:	76 kDa
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.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.