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anti-BTK antibody (AA 209-239)





Go to Product page

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Quantity:	400 μL
Target:	BTK
Binding Specificity:	AA 209-239
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BTK antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	

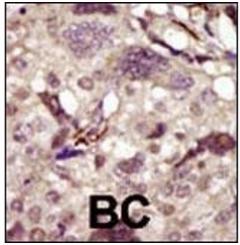
Immunogen:	This BTK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 209-239 amino acids from the Central region of human BTK.	
Clone:	RB03117	
Isotype:	lg Fraction	
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.	

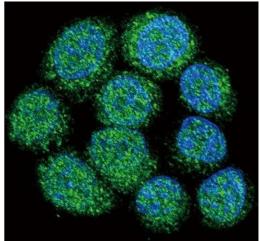
Target Details

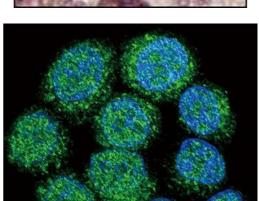
Target:	BTK
Alternative Name:	BTK (BTK Products)

Target Details

linked agammaglobulinemia type 1 (XLA). XLA is a humoral immunodeficiency disease which results in developmental defects in the maturation pathway of B-cells. Affected boys have normal levels of pre-B-cells in their bone marrow but virtually no circulating mature B-lymphocytes. This results in a lack of immunoglobulins of all classes and leads to recurrent bacterial infections like atitis, conjunctivitis, dermatitis, sinusitis or fatal sepsis or meningitis within the first years of life. Molecular Weight: 76281 Gene ID: 695 NCBI Accession: NP_000052 UniProt: Q06187 Pathways: Fo-epsilon Receptor Signaling Pathway, Hormone Transport, Activation of Innate immune Response, Regulation of Leukocyte Mediated Immunity, Production of Molecular Mediator of Immune Response, Toll-Like Receptors Cascades, BCR Signaling Application Details Application Notes: IF: 1:10~50. WB: 1:1000. IHC-P: 1:50~100 Restrictions: For Research Use only Handling Format: Liquid Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. Preservative: Sodium azide Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	rarget betans		
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Pathways: Fc-epsilon Receptor Signaling Pathway, Hormone Transport, Activation of Innate immune Response, Regulation of Leukocyte Mediated Immunity, Production of Molecular Mediator of Immune Response, Toll-Like Receptors Cascades, BCR Signaling Application Details Application Notes: IF: 1:10~50. WB: 1:1000. IHC-P: 1:50~100 Restrictions: For Research Use only Handling Format: Liquid Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. Preservative: Sodium azide Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. Storage: 4 °C,-20 °C Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in smaliquots to prevent freeze-thaw cycles.	NCBI Accession:	NP_000052	
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Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.	Precaution of Use:		
aliquots to prevent freeze-thaw cycles.	Storage:	4 °C,-20 °C	
Expiry Date: 6 months	Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.	
	Expiry Date:	6 months	







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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.

Immunofluorescence

Image 2. Confocal immunofluorescent analysis of BTK Antibody (Center) (ABIN392089 and ABIN2841846) with 293 cell followed by Alexa Fluor 488-conjugated goat antirabbit IgG (green).DI was used to stain the cell nuclear (blue).

Western Blotting

Image 3. The anti-BTK Pab (ABIN392089 ABIN2841846) is used in Western blot to detect BTK in Ramos cell lysate.