

Datasheet for ABIN654688
anti-IBTK antibody (AA 586-613)[Go to Product page](#)

3 Images

Overview

Quantity:	400 µL
Target:	IBTK
Binding Specificity:	AA 586-613
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IBTK antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This IBTK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 586-613 amino acids from the Central region of human IBTK.
Clone:	RB24652
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	IBTK
Alternative Name:	IBTK (IBTK Products)

Target Details

Background:	The protein encoded by this gene binds to Bruton's tyrosine kinase (BTK) and downregulates BTK's kinase activity. In addition, the encoded protein disrupts BTK-mediated calcium mobilization and negatively regulates the activation of nuclear factor-kappa-B-driven transcription.
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Molecular Weight:	150528
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Gene ID:	25998
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NCBI Accession:	NP_056340
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UniProt:	Q9P2D0
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Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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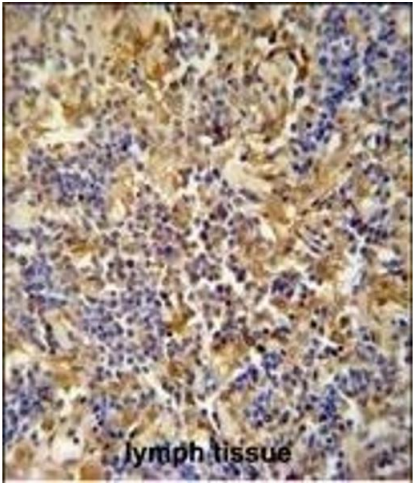
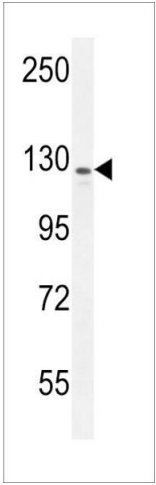
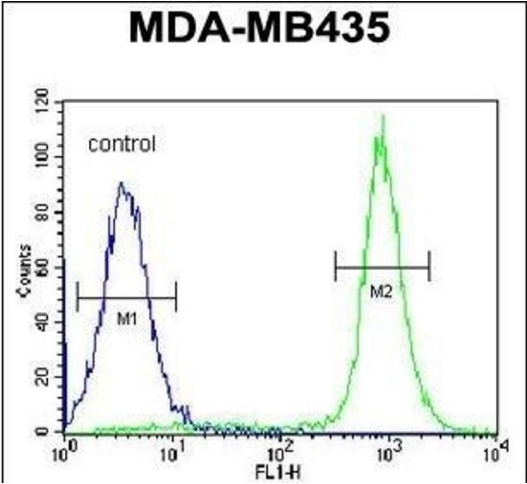
Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	4 °C,-20 °C
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Storage 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.
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Expiry Date:	6 months
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Flow Cytometry

Image 1. IBTK Antibody (Center) (ABIN654688 and ABIN2844380) flow cytometric analysis of MDA-M cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. IBTK Antibody (Center) (ABIN654688 and ABIN2844380) western blot analysis in MDA-M cell line lysates (35 µg/lane). This demonstrates the IBTK antibody detected the IBTK protein (arrow).

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. IBTK antibody (Center) (ABIN654688 and ABIN2844380) immunohistochemistry analysis in formalin fixed and paraffin embedded human lymph tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the IBTK antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.