

Anti-BLK [BLK154/D4]

Catalogue number: 151789

Sub-type: Primary antibody

Images:

Contributor

Inventor: Jacqueline Cordell

Institute: University of Oxford

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-BLK [BLK154/D4]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: B lymphoid tyrosine kinase is a member of the src family of proto-oncogenes that are involved in cell proliferation and differentiation¹. It is expressed in B cells during all stages of development and has a role in B-cell receptor signaling and B-cell development^{2,3}. BLK also stimulates insulin synthesis and secretion in response to glucose by up regulating pancreatic beta-cell transcription factors.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Recombinant protein corresponding to amino acids 53- 224 of human BLK

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Human B cell line

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: BLK

Target alternate names:

Target background: B lymphoid tyrosine kinase is a member of the src family of proto-oncogenes that are involved in cell proliferation and differentiation¹. It is expressed in B cells during all stages of development and has a role in B-cell receptor signaling and B-cell development^{2,3}. BLK also stimulates insulin synthesis and secretion in response to glucose by up regulating pancreatic beta-cell transcription factors.

Molecular weight:

Ic50:

Applications

Application: WB

Application notes:

Handling

Format: Liquid

Concentration: 0.9-1.1 mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS with 0.02% azide

Storage conditions: -15° C to -25° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Carter et al. 1992. Science. 256(5053):105-7. PMID: 1373518. ; CD19: lowering the threshold for antigen receptor stimulation of B lymphocytes. ; Tedder et al. 1989. J Immunol. 143(2):712-7. PMID: 2472450. ; Isolation of cDNAs encoding the CD19 antigen of human and mouse B lymphocytes. A new member of the immunoglobulin superfamily.

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