BLK (9D10) Antibody

Subcategory: Mouse Monoclonal Antibody
Cat. No.: 252670
Unit: 0.1 ml

Description:
BLK (B lymphoid tyrosine kinase) is a 505-amino acid protein (~56KDa), belongs to the Src non-receptor tyrosine kinases family. Different subcellular localizations of Src-family kinases may be important for the regulation of specific cellular processes such as mitogenesis, cytoskeletal organization and membrane trafficking. Blk is expressed exclusively by B lymphocytes and it is thought to function in a signal transductory pathway specific to this lineage. B lymphoid expression of an active Blk mutant caused proliferation of B progenitor cells and enhanced responsiveness of these cells to interleukin 7. Thus, sustained activation of Blk induces responses normally associated with the pre-BCR.

Isotype: Mouse IgG1
Applications: WB, IHC
Species Reactivity: H
Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.
Alternate Names: Tyrosine-protein kinase Blk; B lymphocyte kinase; p55-Blk; BLK
Accession No.: P51451

Antigen: Purified recombinant fragment of BLK expressed in E. coli.
Application Notes: WB: 1:500-1:2000; IHC: 1:200-1:1000

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.