
BLK (1E6) Antibody**Subcategory:** Mouse Monoclonal Antibody**Cat. No.:** 253094**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 transducing 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, IF**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 human BLK expressed in *E. coli*.**Application Notes:** WB: 1:500-1:2000; IF: 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.