
ZAP70 (3D2A) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252649

Unit: 0.1 ml

Description:

ZAP70 (Zeta-chain associated protein kinase) is a 70 kDa member of the SYK tyrosine kinase family. It plays a central role in lymphocyte activation and development, implicated in several immune disorders. ZAP70 controls TCR (T-cell antigen receptor)-linked signal transduction pathways. Its key role in thymocytes development and mature T lymphocytes activation has been illustrated by the characterization of several human immunodeficiencies presenting with mutations in the ZAP70 gene. ZAP70 is also expressed in several types of B-cell neoplasm and is easily detected by immunohistochemistry, providing a useful prognostic marker in patients with chronic lymphocytic leukaemia.

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 ZAP-70; 70 kDa zeta-chain associated protein; Syk-related tyrosine kinase; SRK; ZAP70

Accession No.: P43403

Antigen: Purified recombinant fragment of human ZAP70 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.