

Anti-ZAP70 Rabbit Monoclonal Antibody

Introduction

The Syk family protein tyrosine kinase Zap-70 is expressed in T and NK cells and plays a critical role in mediating T cell activation in response to T cell receptor (TCR) engagement. Following TCR engagement, Zap-70 is rapidly phosphorylated on several tyrosine residues through autophosphorylation and transphosphorylation by the Src family tyrosine kinase Lck.

Product parameters

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|--------------------|---|
| Alternative Names | ZAP70; SRK; Tyrosine-protein kinase ZAP-70; 70 kDa zeta-chain associated protein; Syk-related tyrosine kinase |
| Gene ID | 7535 |
| Gene Name | ZAP70 |
| SwissProt ID | P43403 |
| Host | Rabbit |
| Reactivity | Human, Mouse, Rat |
| Molecular Weight | Calculated MW: 70 kDa; Observed MW: 70 kDa |
| Conjugation | Unconjugated |
| Ex | - |
| Em | - |
| Modification | Unmodified |
| Clonality | IgG |
| Isotype | Monoclonal Antibody |
| Clonality No. | AP-10E5G9 |
| Form | Liquid |
| Concentration | See label |
| Carrier | Carrier Not Free |
| Immunogen | A synthetic peptide of human ZAP70 |
| Purification | Affinity Purified |
| Buffer System | 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA. |
| Application | WB, IP |
| Dilution Ratio | WB: 1/500-1/1000 IP: 1/20 |
| Research Field | Immunology |
| Product Categories | Primary antibody |

| | |
|-----------------|----------------------------------|
| Shipping | Blue ice |
| Storage | -20°C |
| Expiration Date | 12 months |
| Note | Please avoid freeze-thaw cycles. |

Protocol



Configure the product according to the application range and recommended dilution ratio.

***Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

Note

1. This product is for scientific research use only.



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