

Anti-ZAP70 Antibody [ZAP70/4040R] (A250348)

Specifications:

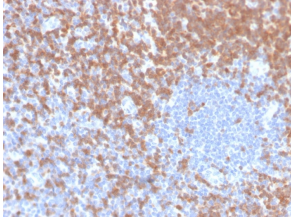
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| Name: | Anti-ZAP70 Antibody [ZAP70/4040R] |
| Description: | Recombinant rabbit monoclonal [ZAP70/4040R] antibody to ZAP70. |
| Specificity: | Zeta-associated protein-70 (ZAP-70) is a member of the Syk family of tyrosine kinases, a group of proteins that attach to the zeta chain components of T-cell receptors to signal downstream events involved in the regulation of cell function, proliferation, and death. Research suggests that the ZAP-70 protein may also play an important role in natural killer (NK) cell activation and early B-cell development; however, it is not expressed in most normal mature B-cells. Expression of ZAP-70 has been reported in various lymphomas, including mantle cell lymphoma, small lymphocytic lymphoma and marginal zone lymphoma. During thymocyte development, ZAP-70 promotes survival and cell-cycle progression of developing thymocytes before positive selection (when cells are still CD4/CD8 double negative). Additionally, ZAP-70-dependent signaling pathway may also contribute to primary B-cells formation and activation through B-cell receptor (BCR). |
| Applications: | ELISA, IHC-P |
| Recommended Dilutions: | IHC-P: 1-2 µg/ml |
| Reactivity: | Human |
| Immunogen: | Synthetic peptide corresponding to amino acids within 200-350 of ZAP-70. |
| Host: | Rabbit |
| Clonality: | Monoclonal |
| Clone ID: | ZAP70/4040R |
| Isotype: | IgG |
| Conjugate: | Unconjugated |
| Purification: | Protein A/G chromatography. |
| Concentration: | 200 µg/ml |
| Product Form: | Liquid |
| Formulation: | Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide. |
| Storage: | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| General Notes: | This monoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-ZAP70 Antibody [ZAP70/4040R] - BSA and Azide free (A253528). |

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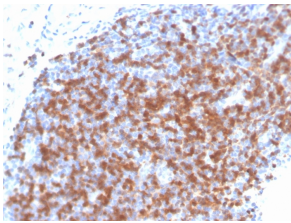
Specifications continued:

Disclaimer: This product is for research use only. It is not intended for diagnostic or therapeutic use.

Images:



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human tonsil using Anti-ZAP70 Antibody [ZAP70/4040R].



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human tonsil using Anti-ZAP70 Antibody [ZAP70/4040R].