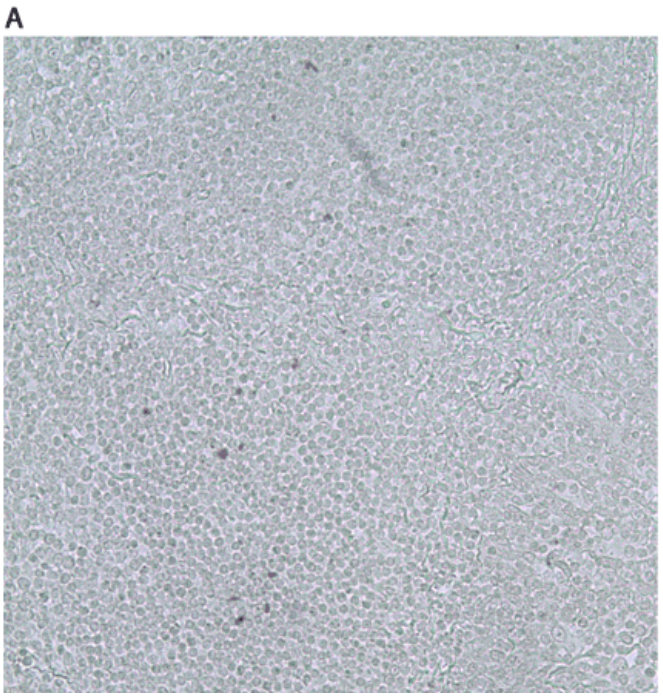
# Zap-70 monoclonal antibody (11H40)

Zeta-associated protein 70 (Zap-70) is a cytoplasmic protein tyrosine required for T cell antigen receptor (TCR) signaling and development. ZAP-70 interacts with the TCR by binding to tyrosine-phosphorylated immunoreceptor tyrosine-based activation motifs (ITAMs) present in the invariant subunits of the TCR complex.

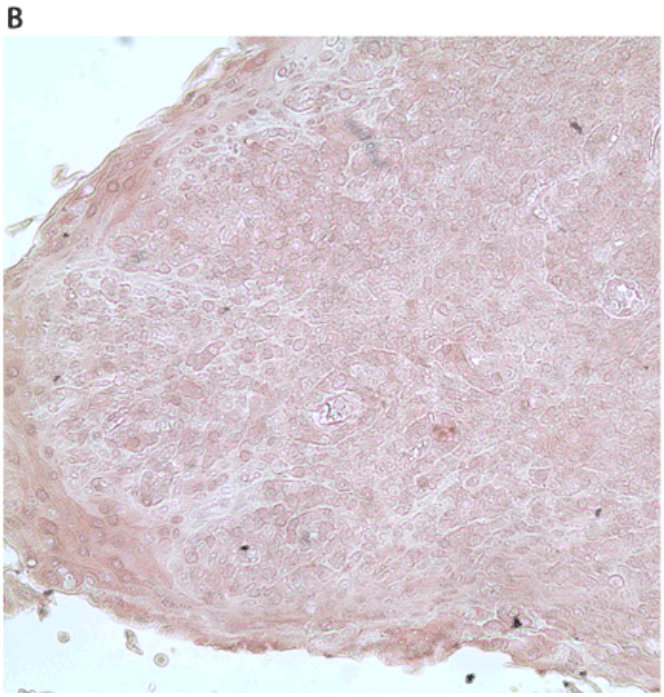
**This antibody is covered by our Worry-Free Guarantee.**

## Manuals, SDS & CofA

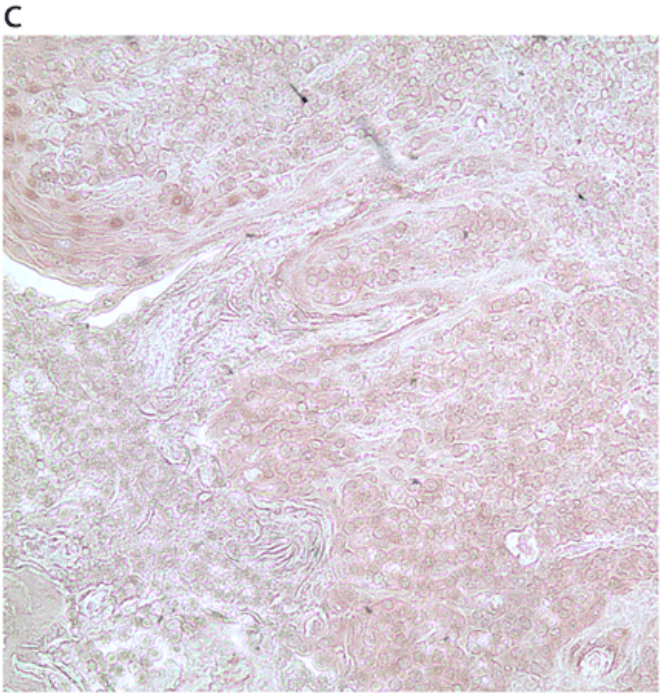
View Online »



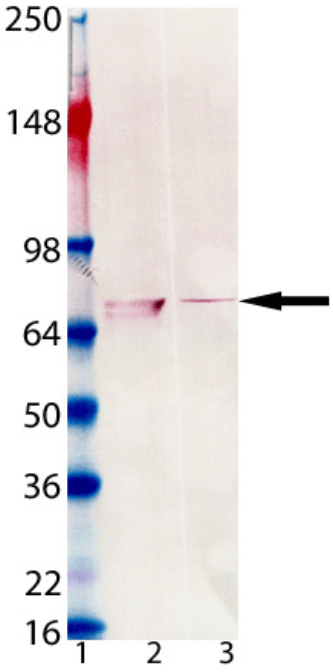

Immunohistochemistry analysis of human tonsil tissue using Zap-70 mAb (11H40), (Prod. No. ENZ-ABS709), at a dilution of 1:50. Panel A: Isotype Control, Panel B and C: ENZ-ABS709, diluted to 20µg/mL.




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Western Blot analysis of Zap-70 mAb (11H40) (Prod. No. ENZ-ABS709): Lane 1: MW Marker, Lane 2: Jurkat lysate, Lane 3: Rat Thymus lysate.

## Handling & Storage

| | |
|---|---|
| **Handling** | Avoid freeze/thaw cycles. |
| **Long Term Storage** | -20°C |
| **Shipping** | Blue Ice |

## Regulatory Status

RUO - Research Use Only

## Product Details

| | |
|---|---|
| **Alternative Name** | ζ-chain associated protein kinase |
| **Application** | IHC (PS), WB |
| **Application Notes** | Detects a band of ~70kDa by Western blot. |
| **Clone** | 11H40 |
| **Formulation** | Liquid. In PBS, pH 7.2, containing 50% glycerol and 0.09% sodium azide. |
| **Host** | Mouse |
| **Immunogen** | Recombinant full length human Zap-70. |
| **Isotype** | IgG1κ |
| **Purity Detail** | Protein G affinity purified. |
| **Recommendation Dilutions/Conditions** | Immunohistochemistry (1:50)Western Blot (1:1,000, ECL)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application. |
| **Source** | Purified from hybridoma tissue culture supernatant. |
| **Species Reactivity** | Human, Rat |
| **UniProt ID** | P43403 |

## Worry-free Guarantee

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ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

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