

## ARG30033 Phospho ZAP70 Antibody Duo (Total, pY319)

Package: 1 pair  
Store at: -20°C

### Component

Cat. No.	Component Name	Host clonality	Reactivity	Application	Package
ARG51657	anti-ZAP70 phospho (Tyr319) antibody	Rabbit pAb	Hu, Ms, Rat	ICC/IF, WB	50 µl
ARG65322	anti-ZAP70 antibody	Goat pAb	Hu	IP, WB	50 µg

### Summary

**Product Description** ZAP70, Zeta-chain-associated protein kinase 70 (70kDa), is a tyrosine kinase protein normally expressed near the surface membrane of T cells and natural killer cells and plays a critical role in the events involved in initiating T-cell responses by the antigen receptor. Phosphorylation of Tyr-315 and Tyr-319 are essential for ZAP70 positive function on T-lymphocyte activation.

ARG30033 ZAP70 phospho Duos (Total, pY319), including an antibody detects total form of ZAP70 and an antibody recognizes ZAP70 only when the Tyr319 is phosphorylated, is useful for scientists to analysis the ZAP70 and phosphoryltated-ZAP70 convention.

**Target Name** ZAP70

**Alternate Names** Phospho ZAP70 antibody; Phospho Zeta chain of T cell receptor associated protein kinase 70 antibody; ZAP70 phospho (Tyr319) antibody; ZAP70 antibody

### Properties

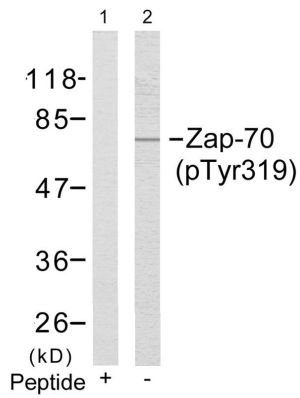
**Storage instruction** For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

**Note** For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

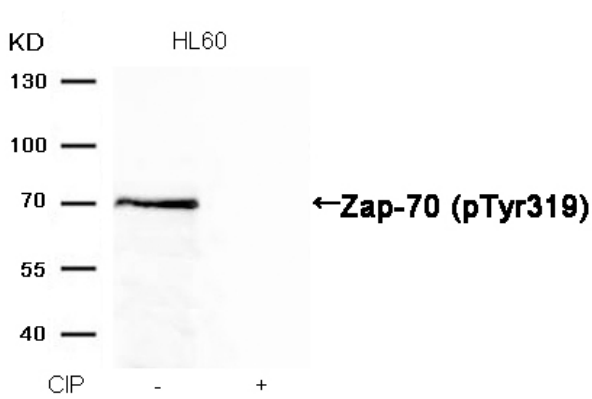
**Gene Full Name** Phospho Zeta chain of T cell receptor associated protein kinase 70 (ZAP70) Antibody Duo (Total, pY319)

**Research Area** Controls and Markers antibody; Immune System antibody; Signaling Transduction antibody



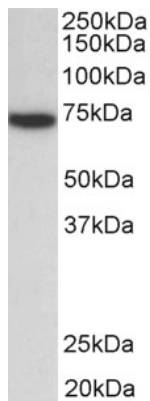
ARG51657 anti-Zap-70 phospho (Tyr319) antibody WB image

Western Blot: extracts from Jurkat cells stained with anti-Zap-70 (phospho Tyr319) antibody ARG51657 (Lane 2) and the same antibody preincubated with blocking peptide (Lane1).



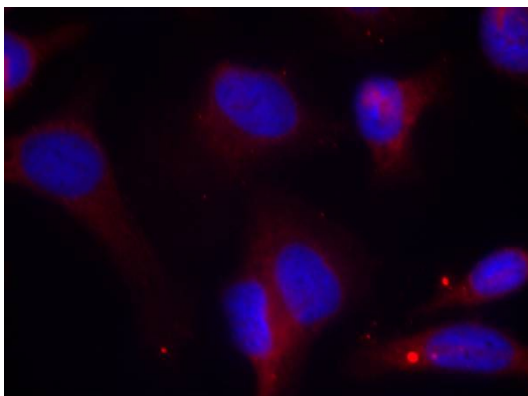
ARG51657 anti-Zap-70 phospho (Tyr319) antibody WB image

Western Blot: extracts from HL60 cells, treated with calf intestinal phosphatase (CIP), stained with anti-Zap-70 (phospho Tyr319) antibody ARG51657.



ARG65322 anti-ZAP70 antibody WB image

Western Blot: Jurkat lysate (35 µg protein in RIPA buffer) stained with ARG65322 anti-Zap70 antibody at 0.3 µg/ml dilution.



ARG51657 anti-Zap-70 phospho (Tyr319) antibody ICC/IF image

Immunofluorescence: methanol-fixed HeLa cells stained with anti-Zap-70 (phospho Tyr319) antibody ARG51657.

ARG65322 anti-ZAP70 antibody WB image

Western blot: 30 µg of Jurkat and Molt4 cell lysates stained with ARG65322 anti-ZAP70 antibody at 1:500 dilution.

