

## ZAP70 Ab

[References\(1\)](#) [Images\(3\)](#)

Cat.#: AF6312  
Size: 100ul,200ul,50ul

Concn.: ~1mg/ml  
Source: Rabbit

Mol.Wt.: 70kDa  
Clonality: Polyclonal

Application: WB 1:500-1:2000, IHC 1:50-1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000

\*The optimal dilutions should be determined by the end user.

Reactivity: Human,Mouse,Rat

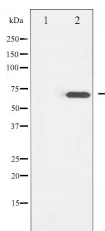
Purification: The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Immunogen: A synthesized peptide derived from human ZAP70, corresponding to a region within the internal amino acids.

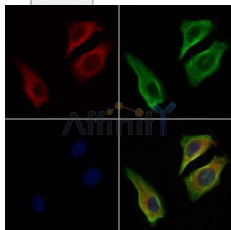
Uniprot: P43403

Description: ZAP70 (human) a tyrosine kinase of the Syk family. Associates with the T-cell antigen receptor zeta-chain after TCR stimulation. Phosphorylated by Src-family kinases following antigen receptor activation. Plays a role in lymphocyte activation.

Storage: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.



Western blot analysis of ZAP-70 expression in Jurkat whole cell lysates, The lane on the left was treated with the antigen-specific peptide.



AF6312 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab (AF6312 1:200) and mouse anti-beta tubulin Ab (T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG (H+L) Ab (Red) and an AlexaFluor488 conjugated goat anti-mouse IgG (H+L) Ab (Green) were used as the secondary Ab.

The nuclear counter stain is DAPI (blue).

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking,

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overnight.

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