

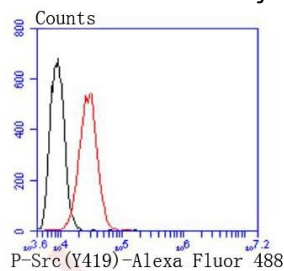
## Anti-Phospho-Src (Tyr419) Antibody (2I773)

## Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 60 kDa.
Clone:	2I773
Purification:	ProA affinity purified

## Applications

Verified Activity: 1. Flow cytometric analysis of Hela cells with Phospho-Src (Y419) antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



Application:	FCM,WB
Recommended	WB: 1:1000; FCM: 1:50-100

## Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	A synthesized phosphopeptide: human Src around the phosphorylation site of Tyr419
Antigen Species:	Human
Uniprot ID:	P12931
Synonyms:	p-Src (Y419);p-Src (Tyr419);Src (p-Y419);Src (p-Tyr419)

## Research Background

The Src family of protein tyrosine kinases, which includes Src, Lyn, Fyn, Yes, Lck, Blk, and Hck, are important in the regulation of growth and differentiation of eukaryotic cells. Src activity is regulated by tyrosine phosphorylation at two sites, but with opposing effects. While phosphorylation at Tyr416 in the activation loop of the kinase domain upregulates enzyme activity, phosphorylation at Tyr527 in the carboxy-terminal tail by Csk renders the enzyme less active.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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