

## Anti-SRC Antibody (3Y526)

### Product Details

Ig Type:	IgG1
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 61 kDa. Actual: 60 kDa.
Clone:	3Y526
Purification:	Protein A purified

### Applications

Verified Activity:	1. Sample:	
	Lane 1: Mouse Raw264.7 cell lysates	
	Lane 2: Human HeLa cell lysates	
	Lane 3: Human A431 cell lysates	
	Lane 4: Human MCF-7 cell lysates	
	Lane 5: Human HepG2 cell lysates	
	Primary: Anti-SRC (TMAB-13148) at 1/1000 dilution	
	Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution	
	Predicted band size: 61 kDa	
	Observed band size: 60 kDa	
Verified Activity:	2. Sample:	
	Lane 1: Mouse Testis tissue lysates	
	Lane 2: Mouse Uterus tissue lysates	
	Lane 3: Rat Testis tissue lysates	
	Primary: Anti-SRC (TMAB-13148) at 1/1000 dilution	
	Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution	
	Predicted band size: 61 kDa	
	Observed band size: 60 kDa	
	Application:	WB
	Recommended	WB: 1:500-2000

### Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen: KLH conjugated synthetic peptide: human SRC  
Antigen Species: Human  
Gene ID: 6714  
Uniprot ID: P12931

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### Research Background

This gene is highly similar to the v-src gene of Rous sarcoma virus. This proto-oncogene may play a role in the regulation of embryonic development and cell growth. The protein encoded by this gene is a tyrosine-protein kinase whose activity can be inhibited by phosphorylation by c-SRC kinase. Mutations in this gene could be involved in the malignant progression of colon cancer. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]

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