

## HS1 (Phospho-Tyr397) Conjugated Antibody

Catalog No: #C11817



Package Size: #C11817-AF350 100ul #C11817-AF405 100ul #C11817-AF488 100ul  
 #C11817-AF555 100ul #C11817-AF594 100ul #C11817-AF647 100ul  
 #C11817-AF680 100ul #C11817-AF750 100ul #C11817-Biotin 100ul

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## Description

Product Name	HS1 (Phospho-Tyr397) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of HS1 only when phosphorylated at tyrosine 397.
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 397(G-D-Y(p)-E-E) derived from Human HS1 .
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	HCLS1; LCKBP1; Hematopoietic cell- specific LYN substrate 1
Accession No.	Swiss-Prot#:P14317NCBI Gene ID:3059NCBI mRNA#:NM_005335.4. NCBI Protein#:NP_005326.2.
Uniprot	P14317
GeneID	3059;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	54
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Product Description

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Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

## Background

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Substrate of the antigen receptor-coupled tyrosine kinase. Plays a role in antigen receptor signaling for both clonal expansion and deletion in lymphoid cells. Directly associates with HAX-1, through binding to its C-terminal region. May also be involved in the regulation of gene expression.

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Note: This product is for in vitro research use only