

## ICAM-1 (Phospho-Tyr512) Conjugated Antibody

Catalog No: #C11083

Package Size: #C11083-AF350 100ul #C11083-AF405 100ul #C11083-AF488 100ul

#C11083-AF555 100ul #C11083-AF594 100ul #C11083-AF647 100ul

#C11083-AF680 100ul #C11083-AF750 100ul #C11083-Biotin 100ul

Orders: order@signalwayantibody.com

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## Description

Product Name	ICAM-1 (Phospho-Tyr512) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of ICAM-1 only when phosphorylated at tyrosine 512.
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 512 (K-K-Y(p)-R-L) derived from Human ICAM-1.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ICA1;ICAM1
Accession No.	Swiss-Prot#:P05362NCBI Gene ID:3383NCBI mRNA#:NM_000201.2 NCBI Protein#:NP_000192.2
Uniprot	P05362
GeneID	3383;
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	89, 92
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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ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2). During leukocyte trans-endothelial migration, ICAM1 engagement promotes the assembly of endothelial apical cups through SGEF and RHOG activation. In case of rhinovirus infection acts as a cellular receptor for the virus.

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Note: This product is for in vitro research use only