

Hsp27(Phospho-S78) Conjugated Antibody

Catalog No: #C13415



Package Size: #C13415-AF350 100ul #C13415-AF405 100ul #C13415-AF488 100ul
 #C13415-AF555 100ul #C13415-AF594 100ul #C13415-AF647 100ul
 #C13415-AF680 100ul #C13415-AF750 100ul #C13415-Biotin 100ul

Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

Product Name	Hsp27(Phospho-S78) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Activation B7-1 antigen antibody B lymphocyte activation antigen B7 antibody B7 antibody B7-1 antibody B7-1 antigen antibody B7.1 antibody BB1 antibody CD28 antigen ligand 1 antibody CD28LG antibody CD28LG1 antibody CD80 antibody CD80 antigen (CD28 antigen ligand 1, B7-1 antigen) antibody CD80 antigen antibody CD80 molecule antibody CD80_HUMAN antibody Costimulatory factor CD80 antibody costimulatory molecule variant IgV-CD80 antibody CTLA-4 counter-receptor B7.1 antibody LAB7 antibody T-lymphocyte activation antigen CD80 antibody
Accession No.	Swiss-Prot#:P33681
Uniprot	P33681
GeneID	941;
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	60
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

Background

T cell proliferation and lymphokine production are triggered by occupation of the TCR by antigen, followed by a costimulatory signal that is delivered by a ligand expressed on antigen presenting cells. The B7-related cell surface proteins CD80 (B7-1) and CD86 (B7-2) are expressed on antigen presenting cells, bind the homologous T cell receptors CTLA-4 (cytotoxic T lymphocyte-associated protein-4) and CD28 and trigger costimulatory signals for optimal T cell activation. CTLA-4 shares 31% overall amino acid identity with CD28 and it has been proposed that CD28 and CTLA-4 are functionally redundant. SLAM is a novel receptor on T cells that, when engaged, potentiates T cell expansion in a CD28-independent manner. B7, also designated BB1, is another ligand or counterreceptor for CD28 and CTLA-4 that is expressed on the antigen-presenting cell.

Note: This product is for in vitro research use only