

CD40 Conjugated Antibody

Catalog No: #C39204



Package Size: #C39204-AF350 100ul #C39204-AF405 100ul #C39204-AF488 100ul
 #C39204-AF555 100ul #C39204-AF594 100ul #C39204-AF647 100ul
 #C39204-AF680 100ul #C39204-AF750 100ul #C39204-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	CD40 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of total CD40 antibody.
Immunogen Type	Peptide
Immunogen Description	C term -peptide of human CD40.
Target Name	CD40
Other Names	CD40;Bp50;CDW40;MGC9013;TNFRSF5;p50;
Accession No.	Swiss-Prot#: P25942NCBI Gene ID: 958
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
SDS-PAGE MW	31kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: □1:500 - 1:2000

Background

CD40 Ligand (CD40L), a member of the TNF superfamily of ligands, is expressed as either a membrane-bound or soluble homotrimer (1). Both membrane-bound and soluble forms of CD40L have biological activity (1,2). CD40L is expressed primarily on activated T cells; however, mast cells, basophils, and NK cells may also express CD40L (1). CD40L functions as an important T cell co-stimulatory molecule and enhances T-dependent B cell responses (1,2). CD40L binds CD40, which is a receptor expressed on B cells, dendritic cells, and macrophages (1). Binding of CD40L to CD40 leads to the recruitment of TRAF proteins (TRAFs 2,3,5, and 6) resulting in the activation of the JNK and NF-κB pathways (1,2).

Note: This product is for in vitro research use only