

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 #C39204-Conjugated 50ul

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Description

Product Name	CD40 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB, IF
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
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

WB: 1:50-1:200

IF: 1:50-1:200

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- κ B pathways (1,2).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.