

CD27 Conjugated Antibody

Catalog No: #C49854



Package Size: #C49854-AF350 100ul #C49854-AF405 100ul #C49854-AF488 100ul
 #C49854-AF555 100ul #C49854-AF594 100ul #C49854-AF647 100ul
 #C49854-AF680 100ul #C49854-AF750 100ul #C49854-Biotin 100ul

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Description

Product Name	CD27 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Rt
Immunogen Description	Intracellular domain corresponding to Human CD27.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CD 27 antibody CD27 antibody CD27 antigen antibody CD27 molecule antibody CD27_HUMAN antibody CD27L receptor antibody LPFS2 antibody MGC20393 antibody OTTHUMP00000238557 antibody S152 antibody T cell activation antigen CD27 antibody T cell activation antigen S152 antibody T-cell activation antigen CD27 antibody T14 antibody TNFRSF 7 antibody TNFRSF7 antibody TNFSF7 antibody Tp 55 antibody Tp55 antibody Tumor necrosis factor receptor superfamily member 7 antibody
Accession No.	Swiss-Prot#:P26842
Uniprot	P26842
GeneID	939;
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	Predicted band size: 29 kDa
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

The tumor necrosis factor (TNF) receptor family is composed of several type I integral membrane glycoproteins that exhibit homology in their cysteine-rich extracellular domains. Members of this family include FAS, OX40, CD27 and CD30. Ligands for these receptors are often type II transmembrane glycoproteins, as is the case for CD27 and CD30. CD27 is a homodimeric lymphocyte-specific surface antigen present on T and B lymphocytes. Activation of the CD3 complex via the T cell receptor for antigen leads to an increase in CD27 expression. Together, CD27 and its ligand, CD27L, generate co-stimulatory signals required for complete T cell activation. CD30 is a surface marker for neoplastic cells of the Hodgkin's lymphoma and related hematologic malignancies. CD30L has been shown to enhance the proliferation of the Hodgkin's cell line HDLM-2, but exerts antiproliferative effects on large cell anaplastic lymphoma cell lines.

Note: This product is for in vitro research use only