

CD137 Conjugated Antibody

Catalog No: #C48126



Package Size: #C48126-AF350 100ul #C48126-AF405 100ul #C48126-AF488 100ul
 #C48126-AF555 100ul #C48126-AF594 100ul #C48126-AF647 100ul
 #C48126-AF680 100ul #C48126-AF750 100ul #C48126-Biotin 100ul

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

Description

| | |
|-----------------------|--|
| Product Name | CD137 Conjugated Antibody |
| Host Species | Mouse |
| Clonality | Monoclonal |
| Species Reactivity | Hu, Ms, Rt |
| Immunogen Description | Recombinant protein |
| Conjugates | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750 |
| Other Names | 4 1BB antibody 4 1BB ligand receptor antibody 4-1BB ligand receptor antibody 4-1BB Ligand Receptor T Cell antibody 4-1BB, mouse, homolog of antibody Antigen 4-1BB Homolog antibody CD 137 antibody CD137 antibody CD137 antigen antibody CDw137 antibody HLDA VI antibody Homolog of mouse 4 1BB antibody ILA antibody induced by lymphocyte activation (ILA) antibody Induced by lymphocyte activation antibody Interleukin activated receptor homolog of mouse Ly63 antibody Ly63, mouse, homolog of antibody MGC2172 antibody OTTHUMP00000044294 antibody Receptor protein 4 1BB antibody T cell antigen 4 1BB homolog antibody T cell antigen ILA antibody T-cell antigen 4-1BB homolog antibody T-cell antigen ILA antibody TNF receptor superfamily member 9 antibody TNFRSF9 antibody TNR9_HUMAN antibody Tumor necrosis factor receptor superfamily member 9 antibody |
| Accession No. | Swiss-Prot#:Q07011 |
| Uniprot | Q07011 |
| GeneID | 3604; |
| 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 | 35 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

CD137, also designated ILA and 4-1BB in mouse, belongs to the tumor necrosis factor receptor family and delivers a costimulatory signal to T lymphocytes. CD137 is expressed on activated T cells and binds an inducible ligand that is found on B cells, macrophages, and dendritic cells. Interactions between CD137 and its ligand are involved in antigen presentation and the generation of cytotoxic T cells. Crosslinking of the CD137 ligand induces apoptosis in resting lymphocytes. In contrast, CD137 regulates peripheral monocyte survival by inducing a cytokine release profile, and is mediated by M-CSF and to a lesser extent by granulocyte-macrophage colony-stimulating factor and IL-3. Soluble forms of CD137 are found in sera from patients with rheumatoid arthritis and may provide a negative control mechanism for immune responses.

Note: This product is for in vitro research use only