Mouse Anti-Human CD272 (BTLA) mAbConjugated Antibody

Catalog No: #CCM070

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Package Size: #CCM070-AF350 100ul #CCM070-AF405 100ul #CCM070-AF488 100ul #CCM070-AF555 100ul #CCM070-AF594 100ul #CCM070-AF647 100ul #CCM070-AF680 100ul #CCM070-AF750 100ul #CCM070-Biotin 100ul

Description

Product Name	Mouse Anti-Human CD272 (BTLA) mAbConjugated Antibody
Host Species	Mouse
Clonality	Monoclonal
Species Reactivity	Hu
Specificity	This antibody recognizes human BTLA in FACS. It can not cross react with other members of B7/CD28 superfamily.
Immunogen Description	L929/BTLA transfected cells
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CD272
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
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

Product Description

B and T lymphocyte attenuator (BTLA) has been identified as an inhibitory receptor of the CD28 superfamily, with similarities to cytotoxic T lymphocyte activation antigen (CTLA)-4 and programmed death (PD)-1. The cytoplasmic domain of mouse and human BTLA contains a Grb-2 recognition consensus, an immunoreceptor tyrosine-based switch motif and an immunoreceptor tyrosine-based inhibitory motif (ITIM), suggesting that BTLA functions as an inhibitory receptor like PD-1. Coligation of BTLA with antigen receptors resulted in downregulation of anti-CD3 monoclonal antibody (mAb)-induced secretion of interleukin (IL)-2 for T cells.

Note: This product is for in vitro research use only