

# Mouse Anti-Human ICOS mAbConjugated Antibody

Catalog No: #CCM078



Package Size: #CCM078-AF350 100ul #CCM078-AF405 100ul #CCM078-AF488 100ul  
 #CCM078-AF555 100ul #CCM078-AF594 100ul #CCM078-AF647 100ul  
 #CCM078-AF680 100ul #CCM078-AF750 100ul #CCM078-Biotin 100ul

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## Description

Product Name	Mouse Anti-Human ICOS mAbConjugated Antibody
Host Species	Mouse
Clonality	Monoclonal
Species Reactivity	Hu
Specificity	This antibody recognizes human ICOS in FACS.
Immunogen Description	Human ICOS Recombinant Protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
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

Inducible costimulator (ICOS), also called CD278, is a member of the growing CD28 family of immune costimulatory receptors. Human ICOS is a homodimeric type I transmembrane protein consisting of 199 amino acids (aa) and is highly expressed in activated T-cells. ICOS expression is up-regulated within approximately 24-48 hours of activation on Th primed cells. B7-H2, a member of the B7 family of costimulatory ligands, has been

identified as the ICOS ligand. Binding of B7-H2 with ICOS enhances basic T-cell responses such as proliferation, secretion of lymphokines, up-regulation of molecules that mediate cell-cell interaction, and effective help for antibody secretion by B-cells.

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Note: This product is for in vitro research use only