

ARG56102 anti-CD70 antibody [BU69]

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [BU69] recognizes CD70
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, IHC-Fr, IP
Host	Mouse
Clonality	Monoclonal
Clone	BU69
Isotype	IgG1, kappa
Target Name	CD70
Species	Human
Immunogen	The Human WM-1 (Waldenstrom s macroglobulinemia) cell line.
Conjugation	Un-conjugated
Alternate Names	CD27 ligand; CD70 antigen; Tumor necrosis factor ligand superfamily member 7; CD antigen CD70; CD27L; CD27-L; TNFSF7; CD27LG

Application Instructions

Application table	Application	Dilution
	FACS	1 - 2 µg/10 ⁶ cells
	ICC/IF	1 - 2 µg/ml
	IHC-Fr	0.5 - 1 µg/ml
	IP	1 - 2 µg/500 µg lysate
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS (pH 7.4), 0.05% Sodium azide and 0.1 mg/ml BSA
Preservative	0.05% Sodium azide
Stabilizer	0.1 mg/ml BSA
Concentration	0.2 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 970 Human Swiss-port # P32970 Human
Gene Symbol	CD70
Gene Full Name	CD70 molecule
Background	The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for TNFRSF27/CD27. It is a surface antigen on activated, but not on resting, T and B lymphocytes. It induces proliferation of costimulated T cells, enhances the generation of cytolytic T cells, and contributes to T cell activation. This cytokine is also reported to play a role in regulating B-cell activation, cytotoxic function of natural killer cells, and immunoglobulin synthesis. [provided by RefSeq, Jul 2008]
Function	Cytokine that binds to CD27. Plays a role in T-cell activation. Induces the proliferation of costimulated T-cells and enhances the generation of cytolytic T-cells. [UniProt]
Calculated Mw	21 kDa
Cellular Localization	Cell surface