

# Product Datasheet

## CD27 Ligand/TNFSF7/CD70 Antibody (BU69) [Alexa Fluor™ Plus 647] NBP3-11586AFP647

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-11586AFP647**

CD27 Ligand/TNFSF7/CD70 Antibody (BU69) [Alexa Fluor™ Plus 647]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	BU69
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Conjugate</b>	Alexa Fluor Plus 647
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	970
<b>Gene Symbol</b>	CD70
<b>Species</b>	Human
<b>Marker</b>	Activated T- & B-Lymphocyte Marker
<b>Specificity/Sensitivity</b>	It recognizes a protein of 30kDa, identified as CD70. It 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 co-stimulated 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. This monoclonal antibody blocks the interaction between CD27 and CD70, and has been shown to inhibit T cell proliferation induced by dendritic cells.
<b>Immunogen</b>	Human WM-1 (Waldenstrom s macroglobulinemia) cell line
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<b>Product Application Details</b>	
<b>Applications</b>	ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, Immunofluorescence
<b>Recommended Dilutions</b>	Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Frozen, Immunofluorescence
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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