

Product Datasheet

CD27 Ligand/TNFSF7/CD70 Antibody (BU69) - Azide and BSA Free NBP3-11586

Unit Size: 0.1 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP3-11586

CD27 Ligand/TNFSF7/CD70 Antibody (BU69) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	BU69
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	30 kDa
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-44545). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	970
Gene Symbol	CD70
Species	Human
Marker	Activated T- & B-Lymphocyte Marker
Specificity/Sensitivity	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.
Immunogen	Human WM-1 (Waldenstrom s macroglobulinemia) cell line
Product Application Details	
Applications	ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, Immunofluorescence
Recommended Dilutions	Flow Cytometry 0.5 - 1 ug/million cells in 0.1 ml, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunoprecipitation 0.5 - 1 ug/500ug Protein Lysate, Immunohistochemistry-Frozen 0.5 - 1 ug/ml, Immunofluorescence 0.5 - 1.0 ug/ml
Application Notes	ELISA: For coating, order Ab without BSA. Immunohistochemistry (Frozen): 1-2ug/ml for 30 minutes at RT. Inhibits T cell proliferation induced by dendritic cells: Order Ab without Azide. Optimal dilution for a specific application should be determined.





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Products Related to NBP3-11586

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
210-TA-005	TNF-alpha [Unconjugated]

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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