

Product Datasheet

CD27 Ligand/TNFSF7/CD70 Antibody (BU69) NBP2-44545-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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NBP2-44545-0.1mg

CD27 Ligand/TNFSF7/CD70 Antibody (BU69)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	BU69
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	30 kDa

Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml.(NBP3-11586) 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 1-2 ug/million cells, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunoprecipitation 1-2 ug/500 ug protein lysate, Immunohistochemistry-Frozen 1-2 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 NBP2-44545-0.1mg

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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