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Datasheet for ABIN610197 anti-CD70 antibody (PE)

2 Publications



Overview

Quantity:	120 tests
Target:	CD70
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD70 antibody is conjugated to PE
Application:	ELISA, Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC), Functional Studies (Func)

Product Details

Immunogen:	Human WM-1 (Waldenstrpm's macroglobulinemia) cell line.
Clone:	BU69
lsotype:	lgG1
Specificity:	CD70 Molecule of approximately 30 kd.
Purification:	Gel filtration
Target Details	

Target:CD70Alternative Name:CD70 (CD70 Products)Background:Name/Gene ID: CD70

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	Family: TNF
	Synonyms: CD70, CD27LG, Ki-24 antigen, Surface antigen CD70, CD27 ligand, CD27-L, CD70 antigen, CD70 Molecule, TNFSF7
Gene ID:	970
UniProt:	P32970
Pathways:	Cancer Immune Checkpoints
Application Details	
Application Notes:	Approved: ELISA, Flo, Func, ICC, IHC, IHC-Fr
	Usage: Function: Blocks the interaction between CD27 and CD70, and has been shown to inhibit T cell proliferation induced by dendritic cells. One test is 1.6 μ L per 5 x 10e5 cells. The applications listed have been tested for the unconjugated form of this product. Other forms have not been tested.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	50 mM sodium phosphate, pH 7.5, 500 mM potassium chloride, 150 mM sodium chloride, 15 % Glycerol, 0.2 % BSA, 0.04 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Do not freeze. Product is photosensitive and should be protected from light.
Storage:	4 °C
Storage Comment:	Store at 4°C. Do not freeze. Protect from light.

Product cited in:

Ros-Baro, Lopez-Iglesias, Peiro, Bellido, Palacin, Zorzano, Camps: "Lipid rafts are required for GLUT4 internalization in adipose cells." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 98, Issue 21, pp. 12050-5, (2001) (PubMed).

Laporte, Oakley, Zhang, Holt, Ferguson, Caron, Barak: "The beta2-adrenergic receptor/betaarrestin complex recruits the clathrin adaptor AP-2 during endocytosis." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 96, Issue 7, pp. 3712-7, (1999) (PubMed).

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