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Recombinant anti-CD70 antibody



Image



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Overview	
Quantity:	200 μg
Target:	CD70
Reactivity:	Mouse
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Chimeric
Conjugate:	This CD70 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (IF), Blocking Peptide (BP)
Product Details	
Immunogen:	This antibody was raised by immunising LOU rats with soluble recombinant CD70:Fc fusion
	protein
Clone:	TAN1-6
Isotype:	IgG kappa
Characteristics:	Original Species of Ab: Rat
	Original Format of Ab: IgG2a
Purification:	Purified antibody.
Target Details	
Target:	CD70

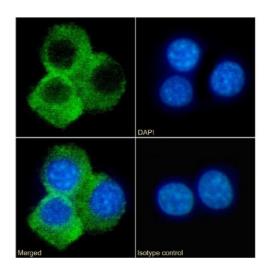
Target Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Application Details	
Pathways:	Cancer Immune Checkpoints
UniProt:	055237
	necrosis factor (ligand) superfamily, member 7, Tumor necrosis factor ligand superfamily member 7
Background:	TNFSF7, CD27 ligand, CD27-L, Cd27l, CD27LG, CD70 antigen, Ki-24 antigen, Tnfsf7, tumor
Alternative Name:	CD70 (CD70 Products)

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	This chimeric rabbit antibody was made using the variable domain sequences of the original Rat IgG2a format, for improved compatibility with existing reagents, assays and techniques.
Restrictions:	For Research Use only

Handling

Buffer:	PBS with 0.02 % Proclin 300.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.



Immunofluorescence

Image 1. Immunofluorescence staining of fixed RAW264.7 cells with anti-CD70 antibody TAN1-6. Immunofluorescence analysis of paraformaldehyde fixed RAW264.7 cells on Shi-fix™ coverslips stained with the chimeric rabbit IgG version of TAN1-6 (ABIN7072495) at 10 µg/mL for 1h followed by Alexa Fluor® 488 secondary antibody (2 µg/mL), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom ABIN7072495, DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody (ABIN5668079) followed by staining with Alexa Fluor® 488 secondary antibody