

Datasheet for ABIN3022743
anti-CD70 antibody (AA 39-193)

6 Images

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Overview

Quantity:	100 µL
Target:	CD70
Binding Specificity:	AA 39-193
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD70 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 39-193 of human CD70 (NP_001243.1).
Sequence:	QRFAQAQQQL PLESLGWDVA ELQLNHTGPQ QDPRLYWQGG PALGRSFLHG PELDKGQLRI HRDGIYMVHI QVTLAICSST TASRHHPTTL AVGICSPASR SISLLRLSFH QGCTIASQRL TPLARGDTLC TNLTGTLLPS RNTDETFFGV QWVRP
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

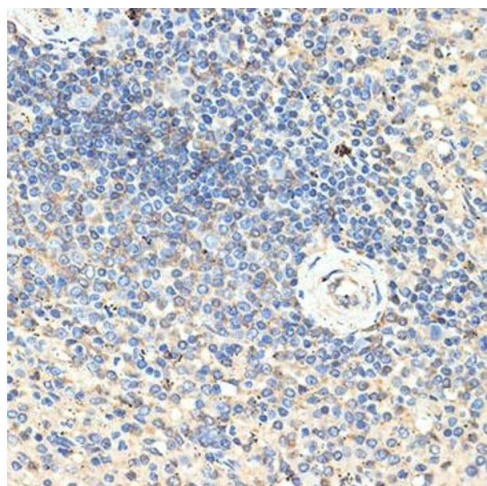
Target:	CD70
Alternative Name:	CD70 (CD70 Products)
Background:	<p>The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for TNFRSF27/CD27. It is a surface antigen on activated, but not on resting, T and B lymphocytes. It induces proliferation of costimulated 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.,CD70,CD27-L,CD27L,CD27LG,TNFSF7,TNLG8A,Cancer,Cell Biology & Developmental Biology,Apoptosis,Growth factor,TNF,Immunology & Inflammation,CD markers,Cytokines,TNF,Cell Intrinsic Innate Immunity Signaling Pathway,Stem Cells,Hematopoietic Progenitors,CD70</p>
Molecular Weight:	21 kDa/23 kDa
Gene ID:	970
UniProt:	P32970
Pathways:	Cancer Immune Checkpoints

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only

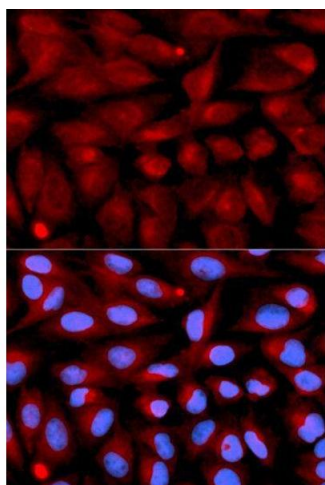
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	Avoid freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



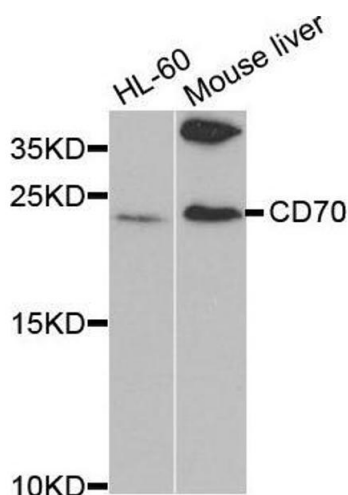
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human spleen using CD70 Rabbit pAb (ABIN3022742, ABIN3022743, ABIN3022744, ABIN1512720 and ABIN6219205) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunofluorescence

Image 2. Immunofluorescence analysis of U2OS cell using CD70 antibody. Blue: DAPI for nuclear staining.



Western Blotting

Image 3. Western blot analysis of extracts of various cell lines, using CD70 antibody.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN3022743.