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Datasheet for ABIN742380
anti-ICOS antibody (AA 51-150)

1 Image

Overview

Quantity:	100 µL
Target:	ICOS
Binding Specificity:	AA 51-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ICOS antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ICOS
Isotype:	IgG
Specificity:	This antibody may also have a secondary cross-reactivity with AP-1 complex-associated regulatory protein due to a 77 % non-contiguous sequence similarity in the corresponding immunogen region.
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Pig
Purification:	Purified by Protein A.

Target Details

Target:	ICOS
Alternative Name:	ICOS/CD278 (ICOS Products)
Background:	<p>Synonyms: AILIM, CD278, CVID1, Inducible T-cell costimulator, Activation-inducible lymphocyte immunomediatory molecule, ICOS</p> <p>Background: Enhances all basic T-cell responses to a foreign antigen, namely proliferation, secretion of lymphokines, up-regulation of molecules that mediate cell-cell interaction, and effective help for antibody secretion by B-cells. Essential both for efficient interaction between T and B-cells and for normal antibody responses to T-cell dependent antigens. Does not up-regulate the production of interleukin-2, but superinduces the synthesis of interleukin-10. Prevents the apoptosis of pre-activated T-cells. Plays a critical role in CD40-mediated class switching of immunoglobulin isotypes (By similarity).</p>
Gene ID:	29851
UniProt:	Q9Y6W8
Pathways:	Cancer Immune Checkpoints

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

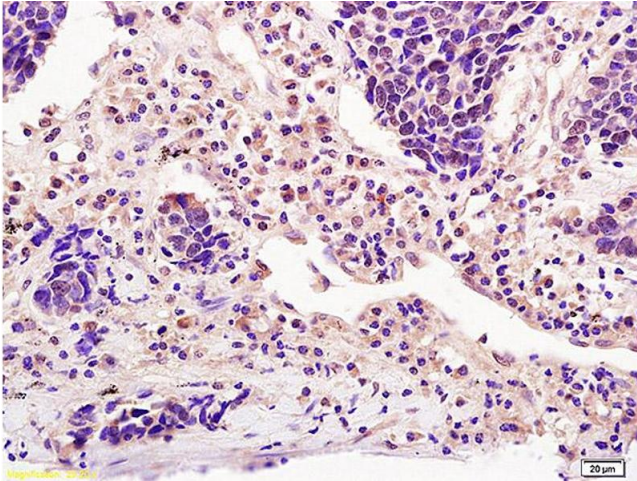
Handling

Storage: 4 °C, -20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human lung carcinoma labeled with Anti-ICOS/CD278 Polyclonal Antibody, Unconjugated (ABIN742380) at 1:200 followed by conjugation to the secondary antibody and DAB staining