

Datasheet for ABIN3031467
anti-IL-2 antibody (AA 50-77)



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3 Images

Overview

Quantity:	0.4 mL
Target:	IL-2 (IL2)
Binding Specificity:	AA 50-77
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL-2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	A portion of amino acids 50-77 from the human protein was used as the immunogen for this IL-2 antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	IL-2 (IL2)
Alternative Name:	IL-2 (IL2 Products)
Background:	IL2 is a secreted cytokine that is important for the proliferation of T and B lymphocytes. The receptor of this cytokine is a heterotrimeric protein complex whose gamma chain is also shared by interleukin 4 (IL4) and interleukin 7(IL7).

Target Details

UniProt:	P60568
Pathways:	JAK-STAT Signaling , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , Activated T Cell Proliferation

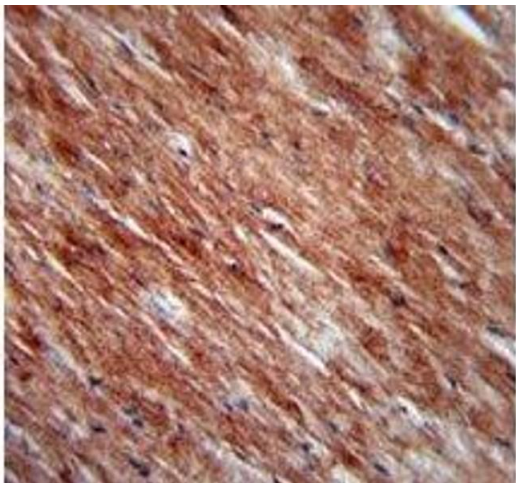
Application Details

Application Notes:	The stated application concentrations are suggested starting amounts. Titration of the IL-2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % 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.
Storage:	-20 °C
Storage Comment:	Store at 4°C for up to one month. For long term, aliquot the IL-2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



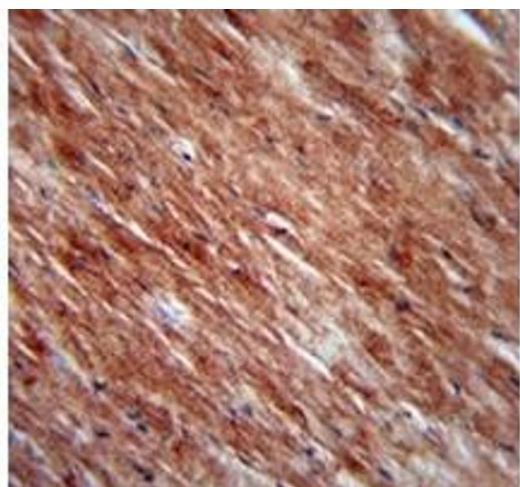
Immunohistochemistry

Image 1. IL-2 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded mouse heart tissue.



Western Blotting

Image 2. Western blot analysis of IL-2 antibody and MDA-MB231 lysate. Predicted molecular weight ~17 kDa



Immunohistochemistry

Image 3. IL-2 antibody immunohistochemistry analysis in formalin fixed and paraffin embedded mouse heart tissue.