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Datasheet for ABIN7425785

anti-IL2 Receptor beta antibody (AA 27-240)

1 Image

Overview

Quantity:	100 µL
Target:	IL2 Receptor beta (IL2RB)
Binding Specificity:	AA 27-240
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IL2 Receptor beta antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Interleukin 2 Receptor Beta (IL2Rb)
Immunogen:	Recombinant Interleukin 2 Receptor Beta (IL2Rb) corresponding to Ala27~Thr240 (Accession # P14784)
Clone:	C15
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against IL2Rb. It has been selected for its ability to recognize IL2Rb in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Protein A + Protein G affinity chromatography

Target Details

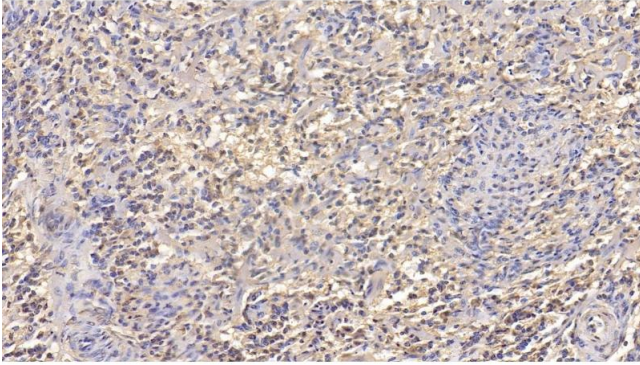
Target:	IL2 Receptor beta (IL2RB)
Alternative Name:	Interleukin 2 Receptor Beta (IL2RB Products)
Background:	CD122, IL2R-b, IL2-RB, P70-75, High affinity IL-2 receptor subunit beta, Interleukin-2 receptor subunit beta, IL-2 receptor subunit beta
Pathways:	JAK-STAT Signaling , Growth Factor Binding

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
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 frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Detection of IL2Rb in Human Spleen Tissue using Monoclonal Antibody to Interleukin 2 Receptor Beta (IL2Rb)