

Datasheet for ABIN7440683
anti-CD25 antibody (AA 22-236)



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2 Images

Overview

Quantity:	100 µL
Target:	CD25 (IL2RA)
Binding Specificity:	AA 22-236
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD25 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Interleukin 2 Receptor Alpha (IL2Ra)
Immunogen:	Recombinant Interleukin 2 Receptor Alpha (IL2Ra) corresponding to Glu22~Lys236 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against IL2Ra. It has been selected for its ability to recognize IL2Ra in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	CD25 (IL2RA)
Alternative Name:	IL2Ra (IL2RA Products)
Background:	CD25, IL2R-a, IL2-RA, IDDM10, IL2R, TCGFR, p55, TAC antigen
UniProt:	P01590
Pathways:	JAK-STAT Signaling , Growth Factor Binding , Activated T Cell Proliferation

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, 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
Concentration:	0.51 mg/mL
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



Western Blotting

Image 1. Detection of IL2Ra in Rat Lymph node lysate using Polyclonal Antibody to Interleukin 2 Receptor Alpha (IL2Ra)



Western Blotting

Image 2. Detection of IL2Ra in Porcine Lymph node lysate using Polyclonal Antibody to Interleukin 2 Receptor Alpha (IL2Ra)