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Datasheet for MDB7428683 **anti-IL-4 antibody (AA 26-147)**

Overview

Quantity:	100 µL
Target:	IL-4 (IL4)
Binding Specificity:	AA 26-147
Reactivity:	Rabbit
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IL-4 antibody is un-conjugated
Application:	Immunocytochemistry (ICC), Immunohistochemistry (IHC), Immunoprecipitation (IP), Western Blotting (WB)

Product Details

Purpose:	Monoclonal Antibody to Interleukin 4 (IL4)
Immunogen:	Recombinant Interleukin 4 (IL4) corresponding to Arg26~Ser147 (Accession # Q9MZR8)
Clone:	8#
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against IL4. It has been selected for its ability to recognize IL4 in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

Target:	IL-4 (IL4)
Alternative Name:	Interleukin 4 (IL4 Products)
Background:	BSF1, BCGF1 ,B Cell Stimulatory Factor 1, Lymphocyte stimulatory factor 1, B Cell Growth Factor, Binetrakin, Pitrakinra
Pathways:	JAK-STAT Signaling , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , Proton Transport , Activated T Cell Proliferation

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:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Precaution of Use:	This product contains Sodium azide: 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