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Datasheet for ABIN7428002 anti-IL-10 antibody (AA 1-178)

3 Images



Overview

Quantity:	100 μL
Target:	IL-10 (IL10)
Binding Specificity:	AA 1-178
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IL-10 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Interleukin 10 (IL10)
Immunogen:	Recombinant Interleukin 10 (IL10) corresdonding to Met1~Asn178 with N-terminal His Tag
Clone:	C5
lsotype:	lgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against IL10. It has been selected for its ability to recognize IL10 in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

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Target Details	
Target:	IL-10 (IL10)
Alternative Name:	Interleukin 10 (IL10 Products)
Background:	CSIF, IL10A, TGIF, Cytokine Synthesis Inhibitory Factor
Pathways:	Cellular Response to Molecule of Bacterial Origin, Regulation of Leukocyte Mediated Immunity, Production of Molecular Mediator of Immune Response, Maintenance of Protein Location,
	Cancer Immune Checkpoints

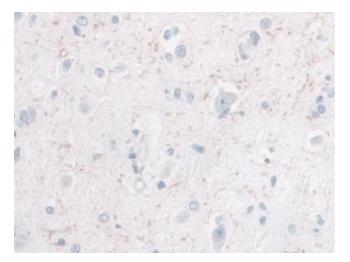
Application Details

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 $^\circ C$ 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.
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:	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

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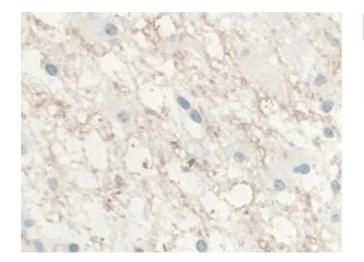
Western Blot ^{kDa} 44 33 26 22 18 14 10

Immunohistochemistry

Image 1. Detection of IL10 in Human Cerebrum Tissue using Monoclonal Antibody to Interleukin 10 (IL10)

Western Blotting

Image 2. Detection of Recombinant IL10, Human using Monoclonal Antibody to Interleukin 10 (IL10)



Immunohistochemistry

Image 3. Detection of IL10 in Human Glioma Tissue using Monoclonal Antibody to Interleukin 10 (IL10)

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