

Datasheet for ABIN7425641
anti-IL-10 antibody (AA 1-178)



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2 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) corresponding to Met1~Asn178 with N-terminal His Tag
Clone:	C8
Isotype:	IgG2a 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

Target Details

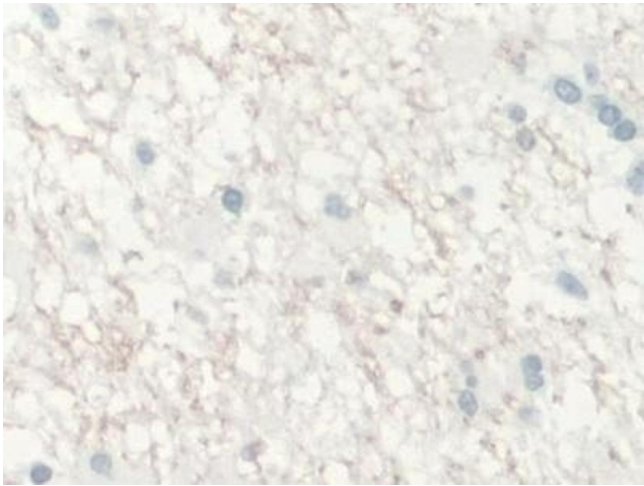
Target:	IL-10 (IL10)
Alternative Name:	IL10 (IL10 Products)
Background:	CSIF, IL10A, TGIF, Cytokine Synthesis Inhibitory Factor
UniProt:	P22301
Pathways:	Cellular Response to Molecule of Bacterial Origin , Regulation of Leukocyte Mediated Immunity , Production of Molecular Mediator of Immune Response , 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°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

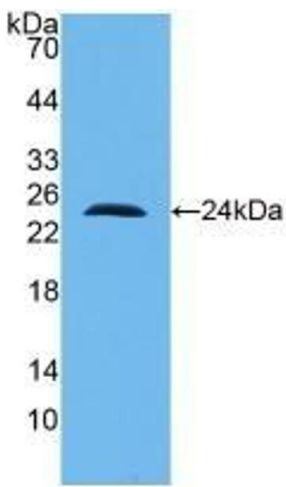
Handling

Format:	Liquid
Concentration:	1 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



Immunohistochemistry

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



Western Blotting

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