

Datasheet for ABIN7426931
anti-ITIH4 antibody (AA 273-424)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	ITIH4
Binding Specificity:	AA 273-424
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ITIH4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Inter Alpha-Globulin Inhibitor H4 (ITIH4)
Immunogen:	Recombinant Inter Alpha-Globulin Inhibitor H4 (ITIH4) corresponding to Lys273~Ala424 with N-terminal His Tag
Clone:	5#
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against ITIH4. It has been selected for its ability to recognize ITIH4 in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

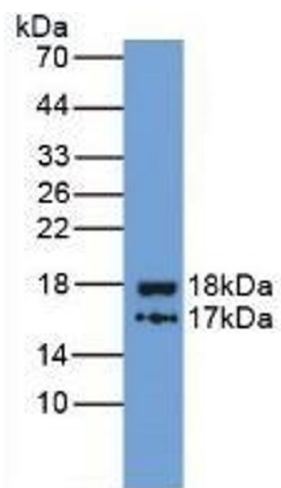
Target:	ITIH4
Alternative Name:	Inter Alpha-Globulin Inhibitor H4 (ITIH4 Products)
Background:	IHRP, PK120, H4P, ITIHL1, Plasma Kallikrein-Sensitive Glycoprotein, Plasma kallikrein sensitive glycoprotein 120, Inter-alpha-trypsin inhibitor family heavy chain-related protein
Pathways:	Glycosaminoglycan Metabolic Process

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
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



Western Blotting

Image 1. Detection of Recombinant ITIH4, Human using Monoclonal Antibody to Inter Alpha-Globulin Inhibitor H4 (ITIH4)