

Datasheet for ABIN7440755
anti-HLA-B antibody (AA 26-309)

7 Images

[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	HLA-B
Binding Specificity:	AA 26-309
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HLA-B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Major Histocompatibility Complex Class I B (MHCB)
Immunogen:	Recombinant Major Histocompatibility Complex Class I B (MHCB) corresponding to Ser26~Val309 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against MHCB. It has been selected for its ability to recognize MHCB in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

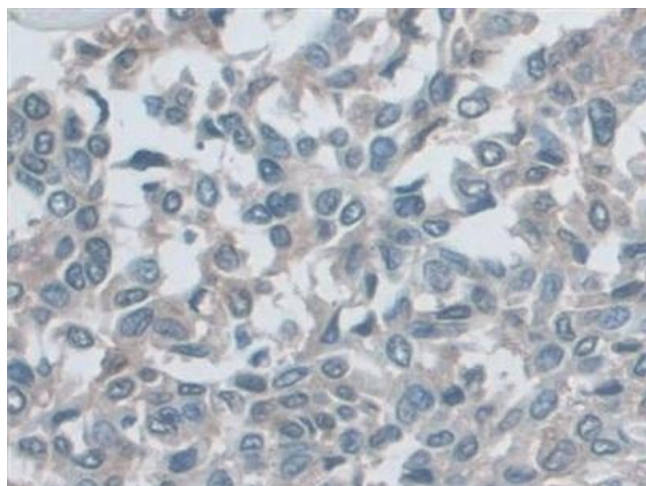
Target:	HLA-B
Alternative Name:	Major Histocompatibility Complex Class I B (HLA-B Products)
Background:	MHC-B, HLA-B, HLAB, AS, SPDA1, Leukocyte Antigen B, Ankylosing Spondylitis, HLA class I histocompatibility antigen, B-7 alpha chain
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Cancer Immune Checkpoints , Human Leukocyte Antigen (HLA) in Adaptive Immune Response

Application Details

Application Notes:	Western blotting: 1-5 µg/mL Immunocytochemistry in formalin fixed cells: 5-20 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-20 µg/mL Immunohistochemistry in paraffin section: 5-20 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 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

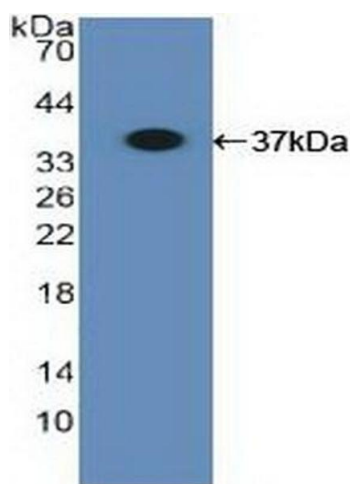
Handling

Format:	Liquid
Buffer:	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



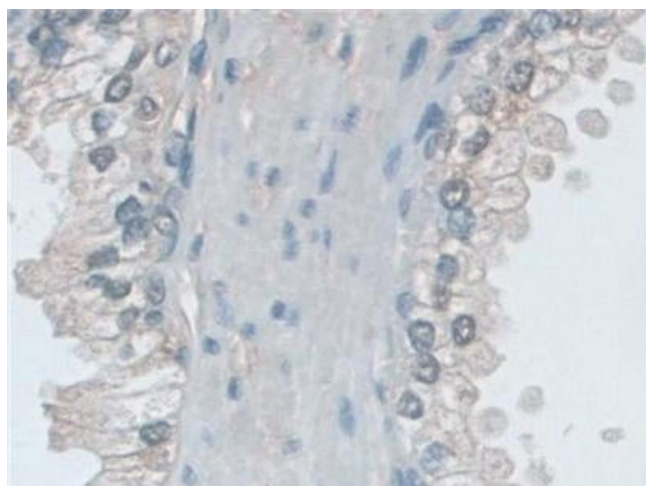
Immunohistochemistry

Image 1. Detection of MHCB in Human Liver cancer Tissue using Polyclonal Antibody to Major Histocompatibility Complex Class I B (MHCB)



Western Blotting

Image 2. Detection of Recombinant MHCB, Human using Polyclonal Antibody to Major Histocompatibility Complex Class I B (MHCB)



Immunohistochemistry

Image 3. Detection of MHCB in Human Prostate Tissue using Polyclonal Antibody to Major Histocompatibility Complex Class I B (MHCB)

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7440755.